

# Recombinant Mouse Cysteine sulfinic acid decarboxylase(Csad)

Catalog No: #AP70194

Package Size: #AP70194-1 20ug #AP70194-2 100ug #AP70194-3 1mg

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## Description

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | Recombinant Mouse Cysteine sulfinic acid decarboxylase(Csad)                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Host Species          | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Purification          | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Immunogen Description | Expression Region:1-493aaSequence Info:Full Length                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Other Names           | Cysteine-sulfinate decarboxylase;Sulfinioalanine decarboxylase                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Accession No.         | Q9DBE0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Calculated MW         | 71.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Tag Info              | N-terminal 6xHis-SUMO-tagged                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Target Sequence       | MADSKPLRTLGDGPVAVEALLQDVFQIVVDEAILKGTSASEKVCEWKEPEELKQLLDLELQSQGESREQILERC<br>RTVIHYSVKTGHPFRFFNQLFSGLDPHALAGRIITESLNTSQYTYEIAPVFVLMEEVLKKLRALVGWNSGDGVF<br>CPGGSISNMYAMNLARFQRYPDCKQRGLRALPPLALFTSKECHYSITKGA AFLGLGTDSVRVVKADERGRMIP<br>EDLERQIILAEAGSV PFLVSATSGTTVLGAFDPLDAIADVCQRHGLWFHVDAAWGGSVLLSRTHRHLLDGIQR<br>ADSVAWNPHKLLAAGLQCSALLLRDTSNLLKRCHGSQASYLFQQDKFYDVALDTGDKVVCGRRV DCLKLW<br>LMWKAQGGQGLERRIDQAFALTRYLVEEIKKREGFELVMEPEFVNVCWFVPPSLRGKKESPDYSQRLSQVA<br>PVLKERMVKKGTMMIGYQPHGTRANFFRMVNVANPILAQADIDFLLGELELLGQDL |
| Formulation           | Tris-based buffer50% glycerol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Storage               | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br><br>Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                        |

## References

"A tissue-specific atlas of mouse protein phosphorylation and expression."Huttlin E.L., Jedrychowski M.P., Elias J.E., Goswami T., Rad R., Beausoleil S.A., Villen J., Haas W., Sowa M.E., Gygi S.P.Cell 143:1174-1189(2010)Research Topic:Others

## Published Papers

el at., Placental release of taurine to both the maternal and fetal circulations in human term pregnancies.In Amino Acids. On 2018 Sep by Holm MB, Kristiansen O et al..PMID: 29858686, , (2018)

[PMID:29858686](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.