

Recombinant human L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase

Catalog No: #AP71531

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Package Size: #AP71531-1 20ug #AP71531-2 100ug #AP71531-3 1mg

Description

| | |
|-----------------------|---|
| Product Name | Recombinant human L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase |
| Brief Description | Recombinant Protein |
| Host Species | E.coli |
| Purification | Greater than 90% as determined by SDS-PAGE. |
| Immunogen Description | Expression Region:1-309aaSequence Info:Full Length |
| Other Names | 4'-phosphopantetheinyl transferaseAlpha-aminoadipic semialdehyde dehydrogenase-phosphopantetheinyl transferase ;AASD-PPTLYS5 ortholog |
| Accession No. | Q9NRN7 |
| Uniprot | Q9NRN7 |
| GeneID | 60496; |
| Calculated MW | 51.8 kDa |
| Tag Info | N-terminal 6xHis-SUMO-tagged |
| Target Sequence | MVFPKRFCLVPSMEGVRWAFSCGTWLPRAEWLLAVRSIQPEEKERIGQFVFARDAKAAMAGRLMIRKLVA EKLNIPWNHIRLQRTAKGKPVLAKDSSNPYPNFNFNISHQGDYAVLAAEPELQVGDIMKTSFPGRGSIPFEFFHI MKRKFTNKEWETIRSFKDEWTQLDMFYRNWALKESFIKAIGVGLGFELQRLEFDLSPLNLDIGQVYKETRLFLD GEEKEWAFEESKIDEHHFVAVALRKP DGSRHQDVPSQDDSKPTQRQFTILNFDLMSAVPMT PEDPSFWD CFCFTEEIPIRNGTKS |
| 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. 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. |

Background

Catalyzes the post-translational modification of target proteins by phosphopantetheine. Can transfer the 4'-phosphopantetheine moiety from coenzyme A to a serine residue of a broad range of acceptors, such as the acyl carrier domain of FASN.

References

Identification of the alpha-aminoadipic semialdehyde dehydrogenase-phosphopantetheinyl transferase gene, the human ortholog of the yeast LYS5 gene.Praphanphoj V., Sacksteder K.A., Gould S.J., Thomas G.H., Geraghty M.T.Mol. Genet. Metab. 72:336-342(2001)Research Topic:Epigenetics and Nuclear Signaling

Note: This product is for in vitro research use only