

## Recombinant Mouse Tryptase(Tpsab1),partial

Catalog No: #AP70875

Package Size: #AP70875-1 20ug #AP70875-2 100ug #AP70875-3 1mg

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## Description

|                       |                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | Recombinant Mouse Tryptase(Tpsab1),partial                                                                                                                                                                                                                                                                                                                                                      |
| Host Species          | E.coli                                                                                                                                                                                                                                                                                                                                                                                          |
| Purification          | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                     |
| Immunogen Description | Expression Region:35-267aaSequence Info:Partial                                                                                                                                                                                                                                                                                                                                                 |
| Other Names           | Mast cell protease 7 ;mMCP-7Tryptase alpha,beta-1                                                                                                                                                                                                                                                                                                                                               |
| Accession No.         | Q02844                                                                                                                                                                                                                                                                                                                                                                                          |
| Calculated MW         | 30.1 kDa                                                                                                                                                                                                                                                                                                                                                                                        |
| Tag Info              | N-terminal 6xHis-tagged                                                                                                                                                                                                                                                                                                                                                                         |
| Target Sequence       | AHGNKWPWQVSLRANDTYWMHFCGGLIHPQWVLTAAHCVGPDVADPNKVRVQLRKQYLYYHDHLMTVSQ<br>IITHPDFYIVQDGADIALKLKLTNPVNISDYVHPVPLPPASETFPSTGLCWVTGWGNIDNGVNLPPPFPLKEVQVPI<br>IENHLCDLKYHKGLITGDNVHIVRDDMLCAGNEGHDSQGDSSGGLVCKVEDTWLQAGVVSWECECAQPNR<br>PGIYTRVTYYLDWIHH                                                                                                                                            |
| 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. |

## Background

Tryptase is the major neutral protease present in mast cells and is secreted upon the coupled activation-degranulation response of this cell type.

## References

Isolation, characterization, and transcription of the gene encoding mouse mast cell protease 7.McNeil H.P., Reynolds D.S., Schiller V., Ghildyal N., Gurley D.S., Austen K.F., Stevens R.L.Proc. Natl. Acad. Sci. U.S.A. 89:11174-11178(1992)Research Topic:Others

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