

Recombinant Mouse Tryptase beta-2(Tpsb2)

Catalog No: #AP70876

Package Size: #AP70876-1 20ug #AP70876-2 100ug #AP70876-3 1mg

Description

Product Name	Recombinant Mouse Tryptase beta-2(Tpsb2)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:32-276aaSequence Info:Full Length
Other Names	Mast cell protease 6 ;mMCP-6
Accession No.	P21845
Calculated MW	54.4 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	IVGGHEASESKWPWQVSLRFKLNWIHFCGGLIHPQWVLTAAHCVGPPIKSPQLFRVQLREQYLYYGDQLL SLNRIVVHPHYTAEGGADVALLEVPVNVSTHHPISLPPASETFPPGTSCWVTGWGDIDNDEPLPPYPLK QVKVPIVENSCLDRKYHTGLYTGDDFPIVHDGMLCAGNTRRDSCQGDSSGGLVCKVKGTWLQAGVVSWE GCAQPNKPGIYTRVYYLDWIHRYVPEHS
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

Tryptase is the major neutral protease present in mast cells and is secreted upon the coupled activation-degranulation response of this cell type. Has an immunoprotective role during bacterial infection. Required to efficiently combat K.pneumoniae infection.

References

The expression pattern of three mast cell specific proteases during mouse development.Abraham D., Oster H., Huber M., Leitges M.Mol. Immunol. 44:732-740(2007)Research Topic:Others

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