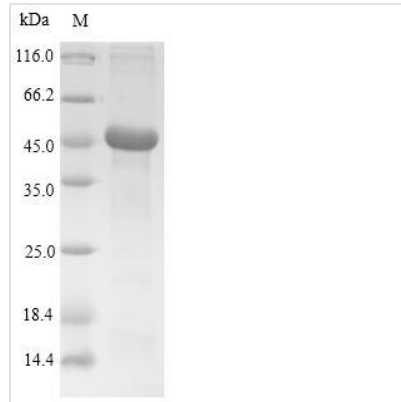




Recombinant Rat Tryptase (Tpsab1)

Product Code	CSB-EP024127RA
Relevance	Tryptase is the major neutral protease present in mast cells and is secreted upon the coupled activation-degranulation response of this cell type. May play a role in innate immunity
Abbreviation	Recombinant Rat Tpsab1 protein
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.
Uniprot No.	P27435
Alias	Mast cell protease 7
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	IVGGQEASGNKWPWQVSLRVNDTYWMHFCGGSLIHPQWVLTAAHCVGPNKADPNKLRVQLRKQYLYYHDHLLTVSQIISHPDFYIAQDGADIALLLKLTNPVNITSNVHTVSLPPASETFFPSGTLCWVTGWGNINNDVSLPPFPLEEVQVPIVENRLCDLKYHKGLNTGDNVHIVRDDMLCAGNEGHDSQCQDGGPLVCKVEDTTLWQAGVVSWGEGCAQPNRPGIYTRVTYYLDWIYRYVPKYF
Research Area	Immunology
Source	E.coli
Target Names	Tpsab1
Protein Names	Recommended name: Tryptase EC= 3.4.21.59 Alternative name(s): Mast cell protease 7 Short name= rMCP-7 Tryptase alpha/beta-1 Tryptase, skin
Expression Region	29-273aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-SUMO-tagged and C-terminal Myc-tagged
Mol. Weight	47.4kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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.