

Recombinant Rat Tpsab1 protein, His-tagged

Cat. No. Tpsab1-1462R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Tpsab1 aa. (Ile29~Pro148) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ile29~Pro148
Form	Freeze-dried powder
Molecular Mass	16kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method).
Purity	>95%
Characteristic	The isoelectric point is 6.9.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less

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than 5% within the expiration date under appropriate storage condition.

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200g/mL
Storage buffer	PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Reconstitution	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

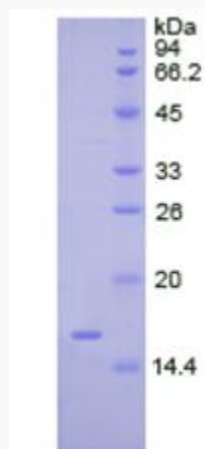
GENE INFORMATION

Gene Name	Tpsab1 tryptase alpha/beta 1 [Rattus norvegicus (Norway rat)]
Official Symbol	Tpsab1
Synonyms	Mcpt7; TPSB1; rMCP-7; MMCP-7; mast cell protease 7; tryptase beta 1; tryptase, skin; tryptase
Gene ID	54271
mRNA Refseq	NM_019322.2
Protein Refseq	NP_062195.2
UniProt ID	P27435

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SDS-PAGE

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