

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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