

## Recombinant Rat Tpsab1 protein, His-tagged

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

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Rat Tpsab1 aa. (Ile29~Pro148) fused with N-terminal His tag was produced in E. coli cells.  |
| <b>Species</b>          | Rat   |
| <b>Source</b>           | E.coli  |
| <b>ProteinLength</b>    | Ile29~Pro148  |
| <b>Form</b>             | Freeze-dried powder   |
| <b>Molecular Mass</b>   | 16kDa as determined by SDS-PAGE reducing conditions.  |
| <b>Endotoxin</b>        | <1.0EU per 1g (determined by the LAL method).   |
| <b>Purity</b>           | >95%  |
| <b>Characteristic</b>   | The isoelectric point is 6.9.   |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.   |
| <b>Stability</b>        | 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](#)

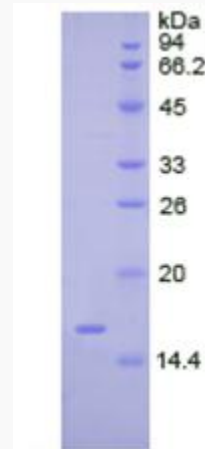
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SDS-PAGE



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