

Recombinant Human TPSG1 protein, His-tagged

Cat. No. TPSG1-8237H Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Recombinant Human TPSG1 aa. (Thr99~Glu244 (Accession # Q9NRR2)) fused with N-terminal His tag was produced in E. coli cells. |
| Species | Human |
| Source | E.coli |
| ProteinLength | Thr99~Glu244 |
| Form | Freeze-dried powder |
| Molecular Mass | 17kDa as determined by SDS-PAGE reducing conditions. |
| Endotoxin | <1.0EU per 1ug (determined by the LAL method) |
| Purity | >95% |
| Characteristic | The isoelectric point is 5.3. |
| Applications | SDS-PAGE; WB; ELISA; IP. |
| Stability | The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the |

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Arrhenius equation.) The loss of this protein is less 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.

Storage Buffer

Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

TPSG1 tryptase gamma 1 [Homo sapiens (human)]

Official Symbol

TPSG1

Synonyms

TPSG1; tryptase gamma 1; TMT; trpA; PRSS31; tryptase gamma; serine protease 31; transmembrane tryptase; tryptase gamma I; tryptase gamma II

Gene ID

25823

mRNA Refseq

NM_012467.3

Protein Refseq

NP_036599.3

UniProt ID

Q9NRR2

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