

## Recombinant Human TPSAB1 Protein (Ile31-Pro275), His tagged

Cat. No. TPSAB1-3195H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human TPS (Ile31-Pro275) protein fused with His tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ile31-Pro275
<b>Description</b>	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. Isoform 2 cleaves large substrates, such as fibronectin, more efficiently than isoform 1, but seems less efficient toward small substrates.
<b>Molecular Mass</b>	28.3 kDa
<b>Purity</b>	>90 % as determined by SDS-PAGE.
<b>Notes</b>	For research use only.
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

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<b>Storage Buffer</b>	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.
<b>Reconstitution</b>	Reconstitute in sterile water for a stock solution.
<b>Shipping</b>	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

## GENE INFORMATION

<b>Gene Name</b>	TPSAB1 tryptase alpha/beta 1 [ Homo sapiens (human) ]
<b>Official Symbol</b>	TPSAB1
<b>Synonyms</b>	TPSAB1; tryptase alpha/beta 1; TPS1, TPS2, TPSB1, tryptase beta 1; tryptase alpha/beta-1; tryptase alpha II; tryptase beta I; tryptase I; tryptase II; tryptase III; tryptase-1; tryptase-I; tryptase-III; tryptase beta 1; tryptase beta-1; tryptase alpha-1; mast cell beta I tryptase; mast cell alpha II tryptase; TPS1; TPS2; TPSB1; MGC104064;
<b>Gene ID</b>	7177
<b>mRNA Refseq</b>	NM_003294
<b>Protein Refseq</b>	NP_003285
<b>MIM</b>	191080
<b>UniProt ID</b>	Q15661

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