

Tryptase (TPS) Recombinant Protein | TPS recombinant protein

Recombinant Tryptase (TPS)

CATALOG # AAA134794	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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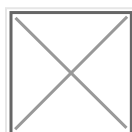
PRODUCT SYNONYMS

Tryptase (TPS); Recombinant Tryptase (TPS); TPS recombinant protein

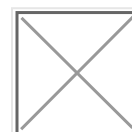
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	The target protein is fused with N-terminal His-Tag, its sequence is listed below. MGHHHH HHSSEF-IV GGQEASGNKW PWQVSLRVND TYWMHFCGGS LIHPQWVLT AHCVGPNKAD PNKLRVQLRK QYLYYHDHLL TVSQIISHPD FYIAQDGADI ALLKLTNPVN ITSNVHTVSL PPASETFP
Sequence Length	310
Applicable Applications for TPS recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Rattus norvegicus (Rat)
Expression System	Prokaryotic expression
Residues	Ile29~Pro148 (Accession # P27435) with N-terminal His-Tag
Subcellular Location	Secreted
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	6.9
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: 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 degree C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	194239635
NCBI GeneID	54271
NCBI Accession #	NP_062195.2
NCBI GenBank Nucleotide #	NM_019322.2
UniProt Accession #	P27435; P27436
Molecular Weight	15.0kDa
NCBI Official Full Name	tryptase
NCBI Official Synonym Full Names	tryptase alpha/beta 1
NCBI Official Symbol	Tpsab1
NCBI Official Synonym Symbols	Mcpt7; TPSB1; rMCP-7
NCBI Protein Information	tryptase; MMCP-7; tryptase, skin; tryptase beta 1; mast cell protease 7; tryptase alpha/beta-1
UniProt Protein Name	Tryptase
UniProt Gene Name	Tpsab1
UniProt Synonym Gene Names	Mcp7; Mcpt7; Tpsb1; rMCP-7
UniProt Entry Name	TRYB1_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/tpsab1-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134794>