

PRSS1 recombinant protein

Recombinant Human PRSS1 protein

CATALOG # AAA119944	HOST E Coli
-------------------------------	-----------------------

PRODUCT SYNONYMS

PRSS1; Recombinant Human PRSS1 protein; Trypsin-1; Beta-trypsin; Cationic trypsinogen; Serine protease 1; Trypsin I; PRSS1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>90% as determined by SDS-PAGE
Form/Format	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.
Species	Homo sapiens (Human)
Protein Construction	A DNA sequence encoding the human PRSS1 (Ile24-Ser247) was fused with His tag
Reconstitution	Reconstitute in sterile water for a stock solution.
Preparation and Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week . Store at -20 to -80°C for twelve months from the date of receipt. In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

ADDITIONAL INFORMATION

Related Product Information for PRSS1 recombinant protein	Has activity against the synthetic substrates Boc-Phe-Ser-Arg-Mec, Boc-Leu-Thr-Arg-Mec, Boc-Gln-Ala-Arg-Mec and Boc-Val-Pro-Arg-Mec. The single-chain form is more active than the two-chain form against all of these substrates.
Product Categories/Family for PRSS1 recombinant protein	Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	136408
NCBI GeneID	5644
UniProt Accession #	P07477 ; Q5NV57 ; Q7M4N3 ; Q7M4N4 ; Q92955 ; Q9HAN4 ; Q9HAN5 ; Q9HAN6 ; Q9HAN7 ; A1A509 ; A6NJ71 ; B2R5I5
Molecular Weight	24.45 kDa
NCBI Official Full Name	Trypsin-1
NCBI Official Synonym Full Names	protease, serine, 1 (trypsin 1)
NCBI Official Symbol	PRSS1
NCBI Official Synonym Symbols	TRP1; TRY1; TRY4; TRYP1
NCBI Protein Information	trypsin-1; beta-trypsin; trypsinogen 1; trypsinogen A; digestive zymogen; cationic trypsinogen; nonfunctional trypsin 1

UniProt Protein Name	Trypsin-1
UniProt Gene Name	PRSS1
UniProt Synonym Gene Names	TRP1; TRY1; TRYP1
UniProt Entry Name	TRY1_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/prss1-recombinant-protein-e-coli/119944>