

Trypsin-1 (PRSS1) Recombinant Protein | PRSS1r recombinant protein

Recombinant Human Trypsin-1 (PRSS1)

CATALOG #
AAA114026

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Trypsin-1 (PRSS1); Recombinant Human Trypsin-1 (PRSS1); PRSS1r recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	24-247. Full Length of Mature Protein
Sequence	IVGGYNCEEN SVPYQVSLNS GYHFCGGSLI NEQWVVSAGH CYKSRIQVRL GEHNIEVLEG NEQFINAAKI IRHPQYDRKT LNNDIMLIK LSSRAVINARV STISLPTAPP ATGTKCLISG WGNTASSGAD YPDELQCLDA PVLSQAKCEA SYPGKITSNM FCVGFLEGGK DSCQGDSSGP VVCNGQLQGV VSWGDGCAQK NKPGVYTKVY NYVKWIKNTI AANS
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for PRSS1r recombinant protein	This gene encodes a trypsinogen, which is a member of the trypsin family of serine proteases. This enzyme is secreted by the pancreas and cleaved to its active form in the small intestine. It is active on peptide linkages involving the carboxyl group of lysine or arginine. Mutations in this gene are associated with hereditary pancreatitis. This gene and several other trypsinogen genes are localized to the T cell receptor beta locus on chromosome 7.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506145
NCBI GeneID	5644
NCBI Accession #	NP_002760.1
NCBI GenBank Nucleotide #	NM_002769.4
UniProt Accession #	P07477; Q5NV57; Q7M4N3; Q7M4N4; Q92955; Q9HAN4; Q9HAN5; Q9HAN6; Q9HAN7; A1A509; A6NJ71; B2R5I5
Molecular Weight	31.6 kDa
NCBI Official Full Name	trypsin-1 preproprotein
NCBI Official Synonym Full Names	serine protease 1
NCBI Official Symbol	PRSS1
NCBI Official Synonym Symbols	TRP1; TRY1; TRY4; TRYP1

NCBI Protein Information	trypsin-1
UniProt Protein Name	Trypsin-1
UniProt Gene Name	PRSS1
UniProt Synonym Gene Names	TRP1; TRY1; TRYP1

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-or-yeast-or-baculovirus-or-mammalian-cell/114026>