

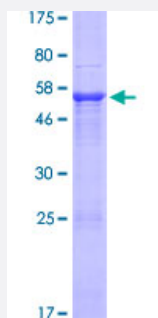
Full-Length

PRSS2 (Human) Recombinant Protein (P01)

Catalog # H00005645-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PRSS2 full-length ORF (NP_002761.1, 1 a.a. - 247 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MNLLLILTFVAAAVAAPFDDDDKIVGGYICEENSVPYQVSLNSGYHFCGGSLISEQWVVSAGHCYK SRIQVRLGEHNIEVLEGNEQFINAAKIIIRHPKYNSRTLNDILLIKLSSPAVINSRVSAISLPTAPPAAG TESLISGWGNTLSSGADYPDELQCLDAPVLSQAECEASYPGKITNMFCVGFLEGGKDSCQGDS GGPVVSNGLQGIVSWGYGCAQKNRPGVYTKVYNYVDWIKDTIAANS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	52.9
Interspecies Antigen Sequence	Mouse (77); Rat (76)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PRSS2

Entrez GeneID [5645](#)

GeneBank Accession# [NM_002770.2](#)

Protein Accession# [NP_002761.1](#)

Gene Name PRSS2

Gene Alias MGC111183, MGC120174, TRY2, TRY8, TRYP2

Gene Description protease, serine, 2 (trypsin 2)

Omim ID [601564](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. This gene and several other trypsinogen genes are localized to the T cell receptor beta locus on chromosome 7. [provided by RefSeq]

Other Designations anionic trypsinogen|protease serine 2 preproprotein|protease, serine, 2|protease, serine, 2, preproprotein|trypsin 2|trypsin II|trypsinogen 2

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Adenocarcinoma](#)
- [Chronic Disease](#)
- [Genetic Predisposition to Disease](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Pancreatitis](#)