

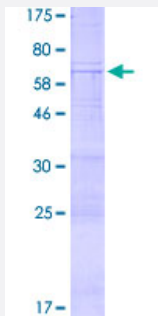
Full-Length

PRSS23 (Human) Recombinant Protein (P01)

Catalog # H00011098-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PRSS23 full-length ORF (NP_009104.1, 1 a.a. - 383 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAGIPGLLFLLFFLLCAVGQVSPYSAPWKPTWPAYRLPVVLPQSTLNLAKPDFGAEAKLEVSSSC
GPQCHKGTPLPTYEEAKQYLSYETLYANGSRTETQVGYLSSSGDGAQHRDSGSSGKSRRKRQIY
GYDSRFSIFGKDFLLNYPFSTSVKLSTGCTGTLVAEKHVLTAAHCIHDGKTYVKGTQKLRVGFLKP
KFKDGGRGANDSTSAMPEQMKFQWIRVKRTHVPKGWIKGNANDIGMDYDYALLELKKPHKRKFM
KIGVSPPAKQLPGGRIHFSGYDNDRPGNLVYRFCDVKDETYDLLYQQCDAQPGASGSGVYVRMW
KRQQQKWERKIIIGIFSGHQWVDMNGSPQDFNVAVRITPLKYAQICYWIKGNYLDCREG

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

69.4

Interspecies Antigen Sequence

Mouse (90); Rat (91)

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 — PRSS23

Entrez GeneID[11098](#)**GeneBank Accession#**[NM_007173.3](#)**Protein Accession#**[NP_009104.1](#)**Gene Name**

PRSS23

Gene Alias

MGC5107, SIG13, SPUVE, ZSIG13

Gene Description

protease, serine, 23

Gene Ontology[Hyperlink](#)**Gene Summary**

This gene encodes a member of the trypsin family of serine proteases. Mouse studies found a decrease of mRNA levels after ovulation was induced. This gene seems to be highly conserved in vertebrates and may be an important ovarian protease. [provided by RefSeq]

Other Designations

serine protease, umbilical endothelium

Disease

- [Obesity](#)