

Full-Length

PRSS16 (Human) Recombinant Protein (P01)

Catalog # H00010279-P01

Size 50 ug

Specification

Product Description	Human PRSS16 full-length ORF (BAG53551.1, 1 a.a. - 252 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAVWLAQWLGPLLLVSLWGLLAPASLLRRLGEHIQQFQESSAQGLGLSLGPGAAAPPKVGWLE QLLDPVNVSDRRSFLQVLHSLGQKCLSFSRAETVAQLRSTEPQLSGVGDRQWLYQTCTEFGFY VTCENPRCPFSQLPALPSQLDLCEQVFGLSALSVAQAVAQTNSYGGQTPGANKVLFVNGDTPD WHVLSVTQALGSSESTLLIRTGSHCLDMAPERPSPSLRLGRQNIFQQLQTWLKLAKGEV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	53.9
Interspecies Antigen Sequence	Mouse (82); Rat (83)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
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 — PRSS16

Entrez GeneID	10279
GeneBank Accession#	AK097918.1
Protein Accession#	BAG53551.1
Gene Name	PRSS16
Gene Alias	FLJ36271, FLJ40714, FLJ44172, TSSP
Gene Description	protease, serine, 16 (thymus)
Omim ID	607169
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a serine protease expressed exclusively in the thymus. It is thought to play a role in the alternative antigen presenting pathway used by cortical thymic epithelial cells during the positive selection of T cells. The gene is found in the large histone gene cluster on chromosome 6, near the major histocompatibility complex (MHC) class I region. A second transcript variant has been described, but its full length nature has not been determined. [provided by RefSeq]
Other Designations	OTTHUMP00000039491 protease, serine, 16 thymus specific serine peptidase

Disease

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- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)