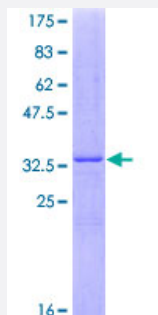


SERPINE2 (Human) Recombinant Protein (Q01)

Catalog # H00005270-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SERPINE2 partial ORF (NP_006207, 72 a.a. - 172 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	RTKKQLAMVMRYGVNGVGKILKKINKAMSKKNKDITVANAVFVKNAIEVPPFVTRNKDVFQCEVRNVNFEDPASACDSINAWVKNETRDMIDNLLSPD
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.85
Interspecies Antigen Sequence	Mouse (80); Rat (81)
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 — SERPINE2

Entrez GeneID	5270
GeneBank Accession#	NM_006216
Protein Accession#	NP_006207
Gene Name	SERPINE2
Gene Alias	GDN, PI7, PN1, PNI
Gene Description	serpin peptidase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), member 2
Omim ID	177010
Gene Ontology	Hyperlink
Gene Summary	serpin peptidase inhibitor
Other Designations	glial-derived neurite promoting factor glial-derived nexin 1 plasminogen activator inhibitor type 1, member 2 protease inhibitor 7 (protease nexin I) serine (or cysteine) proteinase inhibitor, clade E (nexin, plasminogen activator inhibitor type 1), membe

Disease

- [alpha 1-Antitrypsin Deficiency](#)
- [Alpha-1-antitrypsin deficiency](#)
- [Anoxia](#)
- [Asthenia](#)

- [Asthma](#)
- [Celiac Disease](#)
- [Emphysema](#)
- [Genetic Predisposition to Disease](#)
- [Hypercapnia](#)
- [Hypertension](#)
- [Lung Neoplasms](#)
- [Pulmonary Disease](#)
- [Pulmonary Emphysema](#)