

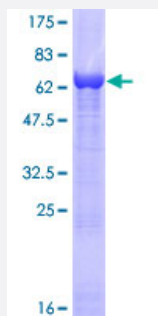
Full-Length

SERPINB2 (Human) Recombinant Protein (P01)

Catalog # H00005055-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description

Human SERPINB2 full-length ORF (NP_002566.1, 1 a.a. - 415 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEDLCVANTLFALNLFKHLAKASPTQNLFLSPWSISSTMAMVYMGSRGSTEDQMAKVLQFNEVG
ANAVTPMTPENFTSCGFMQQIQKGSYPDAILQAQAADKIHSSFRSLSSAINASTGNYLLESVNKLF
GEKSASFREYIRLCQKYSSPEQAVDFLECAEEARKKINSWVKQTQKGKIPNLLPEGSVDGDTR
MVLVNAVYFKGKWKTPFEKKLNGLYPFRVNSAQRTPVQMMYLREKLNIGYIEDLKAQILELPYAGD
VSMFLLLPDEIADVSTGLELLESEITYDKLNKWTSKDKMAEDEVEVYIPQFKLEEHYELRSILRSMG
MEDAFNKGRANFSGMSERNDLFLSEVFHQAMVDVNEEGTEAAAGTGGVMTGRTGHGGPQFVA
DHPFLFLIMHKITNCILFFGRFSSP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

73

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 — SERPINB2

Entrez GeneID	5055
GeneBank Accession#	NM_002575.1
Protein Accession#	NP_002566.1
Gene Name	SERPINB2
Gene Alias	HsT1201, PAI, PAI-2, PAI2, PLANH2
Gene Description	serpin peptidase inhibitor, clade B (ovalbumin), member 2
Omim ID	173390
Gene Ontology	Hyperlink
Gene Summary	clade B (ovalbumin)
Other Designations	plasminogen activator inhibitor 2 plasminogen activator inhibitor, type II (arginine-serpin) serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 2

Publication Reference

- [Secreted Bacillus anthracis proteases target the host fibrinolytic system.](#)

Chung MC, Jorgensen SC, Tonry JH, Kashanchi F, Bailey C, Popov S.

FEMS Immunol Med Microbiol 2011 Mar; 62:173.

Application: WB-Re, Recombinant protein

Disease

- [Antiphospholipid Syndrome](#)
- [Birth Weight](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cerebral Palsy](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Infant](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Ovarian Neoplasms](#)
- [Premature Birth](#)
- [Small Cell Lung Carcinoma](#)