

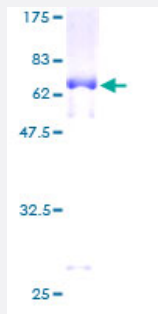
Full-Length

SERPINB1 (Human) Recombinant Protein (P01)

Catalog # H00001992-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SERPINB1 full-length ORF (AAH09015, 1 a.a. - 379 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEQLSSANTRFALDLFLALSENNPAGNIFISPFSSISSAMAMVFLGTRGNTAAQLSKTFHFNTVEEV
HSRFQSLNADINKRGASYILKLANRLYGKTYNFLPEFLVSTQKTYGADLASVDFQHASEDARKTIN
QWVKGGTEGKIPPELLASGMVDNMTKLVLVNAIFYKGNWKDKFMKEATTNAPFRLNKKDRKTVKM
MYQKKKFAYGYIEDLKCRVLELPYQGEELSMVILLPDDIEDESTGLKKIEEQLTLEKLHEWTKPENL
DFIEVNVSLPRFKLEESYTLNSDLARLGVQDLFNSSKADLSGMSGARDIFISKMHKSFVEVNEEGT
EAAAATAGIATFCMLMPEENFTADHPFLFFIRHNSSGSILFLGRFSSP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

67.43

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 — SERPINB1

Entrez GeneID	1992
GeneBank Accession#	BC009015
Protein Accession#	AAH09015
Gene Name	SERPINB1
Gene Alias	EI, ELANH2, LEI, M/NEI, MNEI, P12
Gene Description	serpin peptidase inhibitor, clade B (ovalbumin), member 1
Omim ID	130135
Gene Ontology	Hyperlink
Gene Summary	clade B (ovalbumin)
Other Designations	OTTHUMP00000015943 anti-elastase protease inhibitor 2 (anti-elastase), monocyte/neutrophil derived serine (or cysteine) proteinase inhibitor, clade B (ovalbumin), member 1

Disease

- [Coronary Artery Disease](#)
- [Genetic Predisposition to Disease](#)
- [Hyperparathyroidism](#)