

# Recombinant Human SERPINB2 Protein (1-415 aa), His-tagged

Cat. No. SERPINB2-2581H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human SERPINB2 Protein (1-415 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full length.
<b>Species</b>	Human
<b>Source</b>	Yeast
<b>ProteinLength</b>	1-415 aa
<b>Description</b>	Inhibits urokinase-type plasminogen activator. The monocyte derived PAI-2 is distinct from the endothelial cell-derived PAI-1.
<b>Form</b>	Tris-based buffer,50% glycerol
<b>Molecular Mass</b>	48.6 kDa
<b>AA Sequence</b>	MEDLCVANTL FALNLFKHLAKASPTQNLFLSPWSISSTMAMVYMGSRGSTEDQMAK VLQFNEVGANAVTPMTPENFTSCGFMQQIQKGSYPDAILQAQAADKIHSSFRSLSSA INASTGNYLLESVNKLFGEKSASFREYIRLCQKYSSPEQAVDFLECAEEARKKINS WVKQTQTKGKIPNLLPEGSVDGDMVLVNAVYFKGKWKTPFEKLNGLYPFRVNSA QRTPVQMMYLREKLNIGYIEDLKAQILELPYAGDVSMFLLL PDEIADVSTGLELLESEI TYDKLNKWT SKDKMAEDEVEVYIPQFKLEEHYELRSILRSMGMEDAFNKGRANFSG MSERNDLFLSEVFHQAMVDVNEEGTEAAAGTGGVMTGRTGHGGPQFVADHPFLFL IMHKITNCILFFGRFSSP

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Purity</b>	> 85% as determined by SDS-PAGE.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
<b>Concentration</b>	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

## GENE INFORMATION

<b>Gene Name</b>	SERPINB2 serpin peptidase inhibitor, clade B (ovalbumin), member 2 [ Homo sapiens ]
<b>Official Symbol</b>	SERPINB2
<b>Synonyms</b>	SERPINB2; HsT1201; serpin B2; monocyte Arg-serpin; urokinase inhibitor; PAI; PAI2; PAI-2; PLANH2;
<b>Gene ID</b>	5055
<b>mRNA Refseq</b>	NM_001143818
<b>Protein Refseq</b>	NP_001137290
<b>MIM</b>	173390

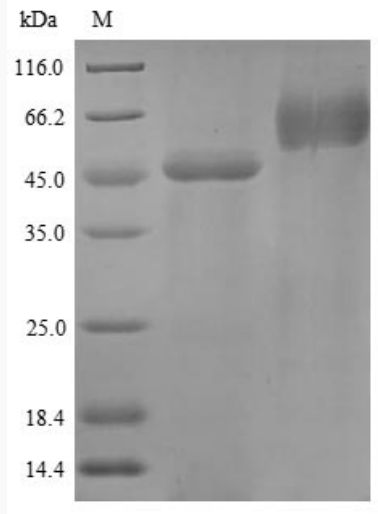
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UniProt ID

P05120



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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