

Product datasheet for TP723351

SERPINB2 (NM_002575) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human serpin peptidase inhibitor, clade B (ovalbumin), member 2 (SERPINB2), transcript variant 2.
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MEDLCVANTL FALNLFKHLA KASPTQNLFL SPWSISSTMA MVYMGSRGST EDQMAKVLQF NEVGANAVTP MTPENFTSCG FMQQIQKGSY PDAILQAQAA DKIHSSFRSL SSAINASTGN YLLESVNKLF GEKSASFREE YIRLCQKYYS SEPQAVDFLE CAEEARKKIN SWVKTQTKGK IPNLLPEGSV DGDTRMVLVN AVYFKGKWKT PFEKKLNGLY PFRVNSAQRTPVQMMYLREK LNIGYIEDLK AQILELPYAG DVSMFLLLPD EIADVSTGLE LLESEITYDK LNKWTSKDKM AEDEVEVYIP QFKLEEHYEL RSILRSMGME DAFNKGRANF SGMSEKNDLF LSEVFHQAMV DVNEEGTEAA AGTGGVMTGR TGHGGPQFVA DHPFLFLIMH KITNCILFFG RFSSP
Tag:	Tag Free
Predicted MW:	45.6 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 μ M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bioactivity:	Determined by its inhibitory effect against single chain tPA induced cleavage of a chromogenic substrate in Imidazole Buffer at 37C. Half maximal inhibition against 1.0 μ g/mL of single chain tPA was obtained at a concentration of 1.0 μ g/mL
Endotoxin:	Endotoxin level is < 0.1 ng/ μ g of protein (< 1 EU/ μ g)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_002566
Locus ID:	5055
UniProt ID:	P05120
RefSeq Size:	1922



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Cytogenetics:	18q21.33-q22.1
RefSeq ORF:	1245
Synonyms:	HsT1201; PAI; PAI-2; PAI2; PLANH2
Summary:	Inhibits urokinase-type plasminogen activator. The monocyte derived PAI-2 is distinct from the endothelial cell-derived PAI-1.[UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome, Secreted Protein