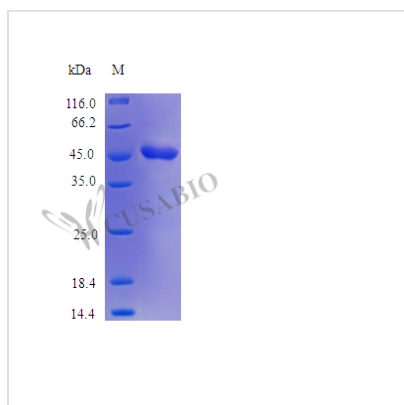




Recombinant Human Plasminogen activator inhibitor 2 protein (SERPINB2) (Active)

Product Code	CSB-AP000151HU
Abbreviation	Recombinant Human SERPINB2 protein (Active)
Uniprot No.	P05120
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered 20 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1 mM Cysteine, with 5 % Trehalose
Product Type	Enzyme
Immunogen Species	Homo sapiens (Human)
Biological Activity	Fully biologically active when compared to standard. The biologically active was determined by its inhibitory effect against single chain tPA induced cleavage of a chromogenic substrate in Imidazole Buffer at 37 °C. Half maximal inhibition against 1.0 µg/ml of single chain tPA was at a concentration of 1.0 µg/ml.
Purity	>95% as determined by SDS-PAGE.
Sequence	MEDLCVANTL FALNLFKHLA KASPTQNLFL SPWSISSTMA MVYMGSRGST EDQMAKVLQF NEVGANAVTP MTPENFTSCG FMQQIQKGSY PDAILQAQAA DKIHSSFRSL SSAINASTGN YLLESVNKLF GEKSASFREE YIRLCQKYYS SEPQAVDFLE CAEEARKKIN SWVKTQTKGK IPNLLPEGSV DGDTRMVLVN AVYFKGKWK T PFEKKLNGLY PFRVNSAQRT PVQMMYLREK LNIGYIEDLK AQILELPYAG DVSMFLLLPD EIADVSTGLE LLESEITYDK LNKWTSKDKM AEDEVEVYIP QFKLEEHYEL RSILRSMGME DAFNKGRANF SGMSEKNDLF LSEVFHQAMV DVNEEGTEAA AGTGGVMTGR TGHGGPQFVA DHPFLFLIMH KITNCILFFG RFSSP
Research Area	Immunology
Source	E.coli
Target Names	SERPINB2
Expression Region	1-415aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag-Free
Mol. Weight	46.6 kDa
Protein Length	Full Length
PubMed ID	3029122; 3325828; 3496414; 3257578; 2494165; 2303256; 15489334; 1286667; 14732874; 21269460; 10368272; 10391209
Image	



Endotoxin	Less than 1.0 EU/μg as determined by LAL method.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.