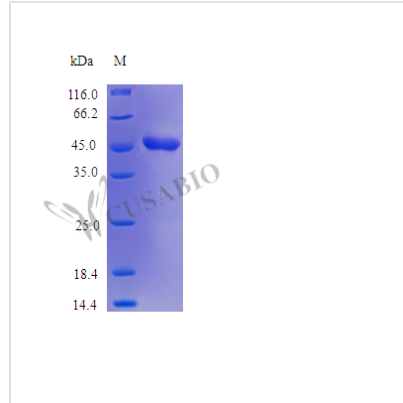




Recombinant Human Plasminogen activator inhibitor 2 protein (SERPINB2) (Active)

| | |
|----------------------------|---|
| 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 AVYFKGKWKTPFEKKNGLY PFRVNSAQRTPVQMMYLREK 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.