Human PAI-2 / Serpin B2

Synonyms: Plasminogen Activator Inhibitor-2, Serpin B2, Urokinase Inhibitor.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order#	Lot#	Expiry Date
2 µg	1798.950.002		
10 µg	1798.950.010		
1 mg	1798.950.199		

Please enquire for bulk quantities and other vial sizes.

Description

Recombinant human PAI-2 /SERPIN B2 derived from *E.Coli* is a single, non-glycosylated, protein containing 415 amino acids with a molecular mass of 46.6 kDa.

- **Source** *E. coli*
- **Purity** ≥ 97 % (SDS-PAGE, RP-HPLC)
- **Endotoxin Level** < 0.1 ng/µg of protein (< 1 EU/µg)
- **Stabilizer** Trehalose (5 %)
- **Buffer** Tris-HCl (20mM, pH 8,0), NaCl (150mM), Cysteine (1 mM)*
- **Physical State** Sterile filtered, lyophilized

Biological Activity

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 obtained at a concentration of 1.0 µg/ml

Reconstitution

We recommend a quick spin followed by reconstitution in sterile water to a concentration of at least 100 µg/ml, which can then be further diluted to other aqueous solutions. Do not vortex.

Stability

Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months. Please avoid repeated freeze-thaw cycles.

Amino Acid Sequence

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MEDLCVANTL FALNLFKHLA KASPTQNLFL SPWSISSTMA MVYMGSRGST EDQMAKVLQF NEVGANAVTP
MTPENFTSCG FMQQIQKGSY PDAILQAQAA DKIHSSFRSL SSAINASTGN YLLESVNKLF GEKSASFREE
YIRLCQKYYS SEPQAVDFLE CAEEARKKIN SWVKTQTKGK IPNLLPEGSV DGDTRMVLVN AVYFKGKWKT
PFEKKLNGLY PFRVNSAQRT PVQMMYLREK LNIGYIEDLK AQILELPYAG DVSMFLLLPD EIADVSTGLE
LLESEITYDK LNKWTSKDKM AEDEVEVYIP QFKLEEHYEL RSILRSMGME DAFNKGRANF SGMSERNDLF
LSEVFHQAMV DVNEEGTEAA AGTGGVMTGR TGHGGPQFVA DHPFLFLIMH KITNCILFFG RFSSP
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Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

ORDERING
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