

Human SERPIND1 Recombinant Protein



RPPB4643

Product Information Protein Information

Product SKU:

RPPB4643

Accession:

P05546

Host:

Escherichia Coli.

Protein description:

SERPIND1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 465 amino acids (58-499) and having a molecular mass of 53.3kDa. SERPIND1 is fused to a 23 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Serpin Family D Member 1, Cysteine Proteinase Inhibitor Clade D Member 1, Serpin Peptidase Inhibitor Clade D Member 1, Protease Inhibitor Leuserpin-2, Serpin D1, HCF2, HLS2, Leuserpin 2, D22S673, THPH10, HC-II, HCII, HC2, LS2.

Formulation:

The SERPIND1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.

Purity:

Greater than 85% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SSGLVPRGSH MGSDFHKENT VTNDWIPEGE EDDDYLDLEK IFSEDDDYID IVDSLVSPT
DSDVSAGNIL QLFHGKSRIQ RLNILNAKFA FNLYRVLKDQ VNTFDNIFIA PVGISTAMGM ISLGLKGETH
EQVHSILHFK DFNASSKYE ITTIHNLFRK LTHRLFRRNF GYTLRSVNDL YIQKQFPILL DFKTKVREYY
FAEAQIADFS DPAFISKTNN HIMKLTKGLI KDALENIDPA TQMMILNCIY FKGSWVNFKP VEMTHNHNFR
LNEREVVKVS MMQTKGNFLA ANDQELDCDI LQLEYVGGIS MLIVVPHKMS GMKTLEAQLT PRVVERWQKS
MTNRTREVLV PKFKLEKNYN LVESLKLMI RMLFDKNGNM AGISDQRIAI DLFKHQGTIT VNEEGTQATT
VTTVGFMPVS TQVRFTVDRP FLFLIYEHRT SCLLFMGRVA NPSRS.