

Human SERPING1 Recombinant Protein



RPPB4645

Product Information Protein Information

Product SKU:

RPPB4645

Accession:

P05155

Host:

E.coli.

Protein description:

SERPING1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 499 amino acids (23-500a.a) and having a molecular mass of 55.1kDa. SERPING1 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

C1IN, C1INH, C1NH, HAE1, HAE2 , Plasma protease C1 inhibitor, C1 esterase inhibitor, C1-inhibiting factor, Serpin G1, Name, SERPING1.

Formulation:

SERPING1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.

Purity:

Greater than 90% 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 SSSLVPRGSH MNP NATSSSS QDPESLQDRG EGKVATTVIS KMLFVEPILE VSSLPTTNTS
TNSATKITAN TTDEPTTQPT TEPTTQPTIQ PTQPTTQLPT DSPTQPTTGS FCPGPVTLCS DLESHSTEAV
LGDALVDFSL KLYHAFSAMK KVETNMAFSP FSIALLLTQV LLGAGENTKT NLESILSYPK DFTCVHQALK
GFTTKGVTSV SQIFHSPDLA IRDTFVNASR TLYSSSPRVL SNNSDANLEL INTWVAKNTN NKISRLLDL
PSDTRLVLLN AIYLSAKWKT TFDPKTRME PFHFKNVSIK VPMMNSKKYP VAHFIDQTLK AKVGQLQLSH
NLSLVILVPO NLKHRLEDME QALSPSVFKA IMEKLEMSKF QPTLLLPRI KVTTSQDMLS IMEKLEFFDF
SYDLNLCGLT EDPDLQVSAM QHQTVLELTE TGVEAAAASA ISVARTLLVF EVQQPFLFVL WDQQHKFPVF
MGRVYDPRA.