Human SERPING1 Recombinant Protein

RPPB4647

Product Information

Product SKU:
RPPB4647

Accession:
P05155

Host:
Sf9, Baculovirus cells.

Protein Information

Protein description:
SERPING1 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 489 amino acids (23-500a.a.) and having a molecular mass of 54.2kDa. (Molecular size on SDS-PAGE will appear at approximately 70-100kDa).SERPING1 is expressed with an 11 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:
Sterile Filtered colorless solution.

Synonyms:
Serpin Family G Member 1, Serpin Peptidase Inhibitor, Clade G (C1 Inhibitor), Member 1, Plasma Protease C1 Inhibitor, C1 Esterase Inhibitor, C1-Inhibiting Factor, Serpin G1, C1NH, C1IN, Serine (Or Cysteine) Proteinase Inhibitor, Clade G (C1 Inhibitor), Member 1, (Angioedema, Hereditary), Serine/Cysteine Proteinase Inhibitor Clade G Member 1, Serpin Peptidase Inhibitor Clade G Member 1, Complement Component 1 Inhibitor, Angioedema, Hereditary, C1 Inh, C1INH, C1Inh, HAE1, HAE2.

Formulation:
SERPING1 protein solution (1mg/ml) contains 10% glycerol & Phosphate Buffered Saline (pH 7.4).

Purity:
Greater than 90.0% 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:
ADPEFNPNAT SSSSQDPESL QDRGEGKVAT TVISKMLFVE PILEVSSLPT TNSTTNSATK ITANTTDEPT TQPTTEPTTQ PTIQPTQPTT QLPTDSPTQP TTGSFCPGPV TLCSDLESHS TEAVLGDALV DFSLKLYHAF SAMKKVETNM AFSPFSIASL LTQVLLGAGE NTKTNLESIL SYPKDFTCVH QALKGFTTKG VTSVSQIFHS PDLAIRDTFV NASRTLYSSS PRVLSNNSDA NLELINTWVA KNTNNKISRL LDSLPSDTRL VLLNAIYLSA KWKTTFDPKK TRMEPFHFKN SVIKVPMMNS KKYPVAHFID QTLKAKVGQL QLSHNLSLVI LVPQNLKHRL EDMEQALSPS VFKAIMEKLE MSKFQPTLLT LPRIKVTTSQ DMLSIMEKLE FFDFSYDLNL CGLTEDPDLQVSAMQHQTVL ELTETGVEAA AASAISVART LLVFEVQQPF LFVLWDQQHK FPVFMGRVYD PRAHHHHHH.

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