

SERPINA3 Recombinant Protein



RPPB4627

Product Information Protein Information

Product SKU:

RPPB4627

Accession:

P01011

Host:

Escherichia Coli.

Protein description:

SERPINA3 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 421 amino acids (24-423 a.a.) and having a molecular mass of 47.6 kDa. The SERPINA3 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Alpha-1-antichymotrypsin, ACT, Cell growth-inhibiting gene 24/25 protein, SERPINA3, AACT, A1ACT, GIG24, GIG25, MGC88254.

Formulation:

The SERPINA3 solution contains 20mM Tris-HCl buffer pH-8, 1mM DTT, and 10% glycerol.

Purity:

Greater than 95.0% 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:

MGSSHHHHHH SSGLVPRGSH MHPNSPLDEE NLTQENQDRG THVDLGLASA NVDFAFSLYK QLVLKAPDKN
VIFSPLSIST ALAFLSLGAH NTTLTELKKG LKFNLTTETSE AEIHQSFQHL LRTLNQSSDE LQLSMGNAMF
VKEQLSLDR FTEDAKRLYG SEAFATDFQD SAAAKKLIND YVKNTRGKI TDLIKDLDSQ TMMVLVNYIF
FKAKWEMPFQ PQDTHQSRFY LSKKKWVMVP MMSLHHLTIP YFRDEELSCT VVELKYTGNA SALFILPDQD
KMEEVEAMLL PETLKRWRDS LEFREIGELY LPKFSISRDY NLNDILLQLG IEEAFTSKAD LSGITGARNL
AVSQVVKAV LDVFEETEA SAATAVKITL LSALVETRTI VRFNRPFLMI IVPTDTQNI FMSKVTPKQ A.