

Human ATG5 Recombinant Protein



RPPB5845

Product Information Protein Information

Product SKU:

RPPB5845

Accession:

Q9H1Y0

Host:

Escherichia Coli.

Protein description:

ATG5 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 295 amino acids (1-275a.a.) and having a molecular mass of 34.6kDa. ATG5 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear solution.

Synonyms:

Autophagy protein 5, APG5-like, Apoptosis-specific protein, ATG5, ASP, APG5, APG5L, hAPG5.

Formulation:

ATG5 at a concentration of 0.25mg/ml containing 20mM Tris-HCl, pH 8.0, 1mM DTT, 0.2M NaCl and 40% glycerol.

Purity:

Greater than 85.0% 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 MTDDKDVL RD VWFGRIPTCF TLYQDEITER EAEPYLLPRVSYLT LVTD
KVKKHFQKVM RQEDISEIWF EYEGTPLKWH YPIGLFDLL ASSALPWNITVHFKSFPEK DLLHCPSKDA
IEAHFMSCMK EADALKHKSQ VINEMQKKDH KQLWMGLQND RFDQFWAINR KLMEYPAEEN GFRYIPFRIY
QTTTERPFIQ KLRPVAADG QLHTLGDLLKEVCPSAIDPE DGEKKNQVMI HGIEPMLETP LQWLSEHLSY
PDNFLHISII PQPTD