

Autophagy Related 10 Human Recombinant

Item Number	rAP-2819
Synonyms	Autophagy Related Protein 10, ATG10 Autophagy Related 10 Homolog (S. Cerevisiae), Ubiquitin-Like-Conjugating Enzyme ATG10, APG10 Autophagy 10-Like (S. Cerevisiae), APG10-Like, APG10L, Pp12616, DKFZP586I0418, FLJ13954, EC 6.3.2.-.
Description	ATG10 Human Recombinant produced in E. coli is a single polypeptide chain containing 243 amino acids (1-220) and having a molecular mass of 27.7 kDa. ATG10 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9H0Y0
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMEEDFEI GEKTFQRYCA EFIKHSQQIG DSWEWRPSKD CSDGYMCKIH FQIKNGSVMS HLGASTHGQT CLPMEEAFEL PLDDCEVIET AAASEVIKYE YHVLVSCSYQ VPVLYFRASF LDGRPLTLKD IWEGVHECYK MRLLQGPWDT ITQQEHPILG QPFVFLHPCK TNEFMTPVLK NSQKINKNVN YITSWLSIVG PVVGLNLPLS YAKATSQDER NVP
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The ATG10 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT and 10% glycerol. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**