

Autophagy Related 3 Human Recombinant

Item Number	rAP-2820
Synonyms	APG3, APG3-LIKE, APG3L, PC3-96, Ubiquitin-like-conjugating enzyme ATG3, Autophagy-related protein 3, hApp3, PC3-96, ATG3.
Description	ATG3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 337 amino acids (1-314 a.a) and having a molecular mass of 38.3kDa. ATG3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9NT62
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMQNVINT VKGKALEVAE YLTPVLKESK FKETGVITPE EFVAAGDHLV HHCPTWQWAT GEELKVKAYL PTGKQFLVTK NVPCYKRCKQ MEYSDELEAI IEEDDGDGGW VDTYHNTGIT GITEAVKEIT LENKDNIRLQ DCSALCEEEE DEDEGEAADM EE- YEESGLLE TDEATLDTRK IVEACKAKTD AGGEDAILQT RTYDLYITYD KYYQTPRLWL FGYDEQRQPL TVEHMYEDIS QDHVKKTVTI ENHPLPPPP MCSVHPCRHA EVMKKIETV AEGGGELGVH MYLLIFLKFV QAVIPTIEYD YTRHFTM.
Source	Escherichia 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	ATG3 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl and 10% glycerol. Greater than 85.0% 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**