

Product Data Sheet

Recombinant Human ATG3 Protein

Catalog #	Source	Reactivity	Applications
CRP1088	E. coli	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human ATG3 Protein is produced by E. coli expression system and the target gene encoding Met1-His287 is expressed with a T7 tag at the N-terminus, 6His tag at the C-terminus.		
Form	Liquid in a 0.2 µM filtered solution of 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH8.0.		
Gene Symbol	ATG3		
Alternative Names	APG3; APG3L; Ubiquitin-like-conjugating enzyme ATG3; Autophagy-related protein 3; APG3-like; hAp3; Protein PC3-96		
Entrez Gene	64422 (Human)		
SwissProt	Q9NT62 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MASMTGGQQM GRGSMQNVIN TVKGKALEVA EYLTPVLKES KFKETGVITP EEFVAAGDHL VHHCTWQWA TGEELKVKAY LPTGKQFLVT KNPVCYKRCK QMEYSDELEA IIEEDDGDGG WVDTYHNTGI TGITEAVKEI TLENKDNIRL QDCSALCEEE EDEDEGEAAD MEEYEESGLL ETDEATLDTR KIVEACKAKT DAGGEDAILQ TRTYDLITY DKYYQTPRLW LFGYDEQRQP LTVEHMYEDI SQDHVKKTVT IENHPLPPP PMCSVHPCRH AEVMKKIET VAEGGGELGV HLEHHHHHH		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Storage/Stability

Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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