

Product Data Sheet

Recombinant Human ATG3 Protein

Catalog #	Source	Reactivity	Applications
CRP1088	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human ATG3 Protein is produced by our 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; hApg3; 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 TRTYDLYITY 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. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year.		
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			

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

ORDER
order@cohesionbio.com

SUPPORT
techsupport@cohesionbio.com

CUSTOM
custom@cohesionbio.com

Product Data Sheet

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

COHESION BIOSCIENCES LIMITED

WEB

www.cohesionbio.com

ORDER

order@cohesionbio.com

SUPPORT

techsupport@cohesionbio.com

CUSTOM

custom@cohesionbio.com