

Product Data Sheet

Recombinant Human ATG4C Protein

Catalog #	Source	Reactivity	Applications
CRP1090	E. coli	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human ATG4C Protein is produced by our E. coli expression system and the target gene encoding Met1-Leu458 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 μM filtered solution of 20mM Tris-HCl, 100mM NaCl, 10% Glycerol, pH 8.0.		
Gene Symbol	ATG4C		
Alternative Names	APG4C; AUTL1; AUTL3; Cysteine protease ATG4C; AUT-like 3 cysteine endopeptidase; Autophagin-3; Autophagy-related cysteine endopeptidase 3; Autophagy-related protein 4 homolog C		
Entrez Gene	84938 (Human)		
SwissProt	Q96DT6 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MEATGTDEVD KLKTKFISAW NNMKYSWVLK TKTYFSRNSP VLLLGKCYHF KYEDEDKTLP AESGCTIEDH VIAGNVEEFR KDFISRIWLT YREEFPQIEG SALTDCGWG CTLRTGQMLL AQGLILHFLG RAWTWPDALN IENSSESWT SHTVKKFTAS FEASLSGERE FKPTTISLKE TIGKYSDDHE MRNEVYHRKI ISWFGDSPLA LFGLHQLIEY GKKSGKKAGD WYGPAVVAHI LRKAVEEARH PDLQGITYV AQDCTVYNSD VIDKQSASMT SDNADDKAVI ILVPVRLGGE RTNTDYLEFV KGILSLEYCV GIIGGKPKQS YYFAGFQDDS LIYMDPHYCQ SFVDVSIKDF PLETFHCPSP KKMSFRKMDP SCTIGFYCRN VQDFKRASEE ITKMLKFSSK EKYPLFTFVN GHSRDYDFTS TTTNEEDLFS EDEKKQLKRF STEEFVLLLE HHHHHH		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
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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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.

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