

Product Data Sheet

Recombinant Human ATG7 Protein

Catalog #	Source	Reactivity	Applications
CST1566	E. coli	H	
Description	Recombinant Human ATG7 Protein is produced by E. coli expression system and the target gene encoding Ser11-Glu330 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	ATG7		
Alternative Names	APG7L; Ubiquitin-like modifier-activating enzyme ATG7; ATG12-activating enzyme E1 ATG7; Autophagy-related protein 7; APG7-like; hAGP7; Ubiquitin-activating enzyme E1-like protein		
Entrez Gene	10533		
SwissProt	O95352		
Purity			
Chemical Structure	SKLQFAPFSS ALDVGFWHEL TQKKLNEYRL DEAPKDIKGY YYNGDSAGLP ARLTLEFSAF DMSAPTPARC CPAIGTLYNT NTLESFKTAD KKLLLEQAAN EIWESI KSGT ALENPVLLNK FLLLT FADLK KYHFYYWFCY PALCLPESLP LIQGPVGLDQ RFSLKQIEAL ECAYDNLCQT EGVTALPYFL IKYDENMVLV SLLKHYSDFE QGQRKITIG VYDPCNLAQY PG		
Quality Control			
Directions for Use	Always centrifuge tubes before opening. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
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.		

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

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order@cohesionbio.com

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