

Recombinant Human ATG3 protein, His-SUMO-tagged

Cat. No. ATG3-2564H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ATG3 protein(Q9NT62)(1-314aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-314aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	51.9 kDa
AA Sequence	MQNVINTVKGKALEVAEYLTPVLKESKFKETGVITPEEFVAAGDHLVHHCPWQWAT GEELKVKAYLPTGKQFLVTKNVPCYKRCKQMEYSDELEAIIIEEDDGGWVDTYHN TGITGITEAVKEITLENKDNIRLQDCSALCEEEDEDEGEAADMEEYEESGLLETDEA TLDTRKIVEACKAKTDAGGEDAILQTRTYDLYITYDKYYQTPRLWLFYDEQRQPLTV EHMYEDISQDHVKKVTIENHPLPPPMCSVHPCRHAEMKIIETVAEGGGELGV HMYLLIFLKFVQAVIPTIEYDYTRHFTM
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name [ATG3](#) [ATG3 autophagy related 3 homolog \(S. cerevisiae\) \[Homo sapiens \]](#)

Official Symbol [ATG3](#)

Synonyms [ATG3](#); [ATG3 autophagy related 3 homolog \(S. cerevisiae\)](#); [APG3 autophagy 3 like \(S. cerevisiae\)](#) , [APG3L](#); [ubiquitin-like-conjugating enzyme ATG3](#); [DKFZp564M1178](#); [FLJ22125](#); [MGC15201](#); [PC3 96](#); [hApp3](#); [2610016C12Rik](#); [autophagy-related protein 3](#); [APG3](#); [APG3L](#); [PC3-96](#); [APG3-LIKE](#);

Gene ID [64422](#)

mRNA Refseq [NM_022488](#)

Protein Refseq [NP_071933](#)

MIM [609606](#)

UniProt ID [Q9NT62](#)

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