

Recombinant Human ATG3 protein, GST-tagged

Cat. No. ATG3-1816H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ATG3 protein(1-314 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-314 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	<p>MQNVINTVKGKALEVAEYLTPVLKESKFKETGVITPEEFVAAGDHLVHHCPWQWAT GEELKVKAYLPTGKQFLVTKNVPCYKRCKQMEYSDELEAIIIEEDDGDGGWVDTYHN TGITGITEAVKEITLENKDNIRLQDCSALCEEEDEDEGEAADMEEYEEESGLLETDEA TLDTRKIVEACKAKTDAGGEDAILQTRTYDLYITYDKYYQTPRLWLFYDEQRQPLTV EHMVEDISQDHVKKVTIENHPLPPPMCSVHPCRHAEMKKIETVAEGGGELGV HMYLLIFLKFVQAVIPTIEYDYTRHFTM</p>
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	<p>Short-term storage: Store at 2-8°C for (1-2 weeks).</p> <p>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw</p>

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cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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; hApg3; 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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