

Recombinant Human ATG16L1 protein, His-SUMO-tagged

Cat. No. ATG16L1-4540H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ATG16L1 protein(Q676U5)(1-607aa), fused to N-terminal His-SUMO tag, was expressed in E. coli
Species	Human
Source	E.coli
ProteinLength	1-607aa
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	84.3 kDa
AA Sequence	MSSGLRAADFPRWKRHISEQLRRRDRLQRQAFEEIILQYNKLLKSDLHSVLAQKLQ AEKHDVPNRHEISPGHDGTWNDNQLQEMAQLRIKHQEELTELHKKRGELAQLVIDL NNQMQRKDREMQMNEAKIAECLQTISDLETECLDLRTKLCDLERANQTLKDEYDAL QITFTALEGKLRKTTEENQELVTRWMAEKAQEANRLNAENKDSRRRQARLQKELA EAAKEPLPVEQDDDDIEVIVDETS DHTEETSPVRAISRAATKRLSQPAGGLLDSITNIFG RRSVSSFPVPQDNVDTHPGSGKEVRVPATALCVFDAHDGEVNAVQFSPGSRLLAT GGMDRRVKLWEVFGKECFKGSLSGSNAGITSIEFDSAGSYLLAASNDFASRIWTV DDYRLRHTLTGHSGKVLSAKFLLDNARIVSGSHDRTLKLWDLRSKVCIKTVFAGSSC NDIVCTEQCVMSGHFDKKIRFWDIRSESIVREMELLGKITALDLNPERTELLSCSRDD

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LLKVIDLRTNAIKQTFSA PGFKCGSDWTRVVFSPDGSYVAAGSAEGSLYIWSVLTGK
VEKVLSKQHSSSINAVAWSPSGSHVVSVDKGCKAVLWAQY

Purity Greater than 90% as determined by SDS-PAGE.

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 [ATG16L1 ATG16 autophagy related 16-like 1 \(S. cerevisiae\) \[Homo sapiens \]](#)

Official Symbol [ATG16L1](#)

Synonyms ATG16L1; ATG16 autophagy related 16-like 1 (S. cerevisiae); APG16 autophagy 16 like (S. cerevisiae) , APG16L, ATG16 autophagy related 16 like (S. cerevisiae) , ATG16L; autophagy-related protein 16-1; ATG16A; FLJ10035; WDR30; APG16L beta; WD repeat domain 30; IBD10; APG16L; ATG16L; FLJ00045; FLJ10828; FLJ22677;

Gene ID [55054](#)

mRNA Refseq [NM_001190266](#)

Protein Refseq [NP_001177195](#)

MIM [610767](#)

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UniProt ID

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