

## Recombinant Human ATG16L1 protein, His-tagged

**Cat. No.** ATG16L1-5787H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ATG16L1 protein(Q676U5)(1-607aa), fused to N-terminal His tag, was expressed in Yeast.                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                         |
| <b>Source</b>           | Yeast                                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 1-607aa                                                                                                                                                                                                                                                       |
| <b>Form</b>             | 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.                            |
| <b>Molecular Mass</b>   | 70.3 kDa                                                                                                                                                                                                                                                      |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                   |
| <b>Storage</b>          | Store at -20°C/-87°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                |
| <b>Reconstitution</b>   | 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 57%. |

### GENE INFORMATION

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                        |                                                                                                                                                                                                                                                                                                                         |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | ATG16L1 ATG16 autophagy related 16-like 1 (S. cerevisiae) [ Homo sapiens ]                                                                                                                                                                                                                                              |
| <b>Official Symbol</b> | ATG16L1                                                                                                                                                                                                                                                                                                                 |
| <b>Synonyms</b>        | 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; |
| <b>Gene ID</b>         | 55054                                                                                                                                                                                                                                                                                                                   |
| <b>mRNA Refseq</b>     | NM_001190266                                                                                                                                                                                                                                                                                                            |
| <b>Protein Refseq</b>  | NP_001177195                                                                                                                                                                                                                                                                                                            |
| <b>MIM</b>             | 610767                                                                                                                                                                                                                                                                                                                  |
| <b>UniProt ID</b>      | Q676U5                                                                                                                                                                                                                                                                                                                  |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA