

Recombinant Human ATG16L1 Protein, His-tagged

Cat. No. ATG16L1-2947H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ATG16L1 protein, fused to His-tagged at N-terminus, was expressed in E. coli.
Species	Human
Source	E.coli
Description	The protein encoded by this gene is part of a large protein complex that is necessary for autophagy, the major process by which intracellular components are targeted to lysosomes for degradation. Defects in this gene are a cause of susceptibility to inflammatory bowel disease type 10 (IBD10). Several transcript variants encoding different isoforms have been found for this gene.
Form	50 mM Tris, 8 M Urea, pH 8.0.
Molecular Mass	49.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	ATG16L1 ATG16 autophagy related 16-like 1 (S. cerevisiae) [Homo sapiens]
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Official Symbol	ATG16L1
Synonyms	APG16L; ATG16A; ATG16L; IBD10; WDR30
Gene ID	55054
mRNA Refseq	NM_001190266
Protein Refseq	NP_001177195
MIM	610767
UniProt ID	Q676U5

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