

Recombinant Human ATG16L1 cell lysate

Cat. No. ATG16L1-146HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	Autophagy is the major intracellular degradation system delivering cytoplasmic components to lysosomes, and it accounts for degradation of most long-lived proteins and some organelles. Cytoplasmic constituents, including organelles, are sequestered into double-membraned autophagosomes, which subsequently fuse with lysosomes. ATG16L1 is a component of a large protein complex essential for autophagy (Mizushima et al., 2003 [PubMed 12665549]).
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

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) ,

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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

UniProt ID Q676U5

**Chromosome
Location** 2q37.1

Function protein binding;

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