

Human ATG16L1 Knockdown Cell Lysate

Cat. No. ATG16L1-001HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated ATG16L1 Knockdown Cell Lysate
Species	Human
Source	293T
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	Cell-Tissue Lysis buffer
Molecular Mass	68 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type 293T cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.
Concentration	Lot-specific

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Shipping	Blue Ice
Components	1 vial of 100 µg WT 293T cell lysate 1 vial of 100 µg ATG16L1 KD 293T cell lysate
Lysate QC	RT-qPCR; Western Blotting (WB)
GENE INFORMATION	
Gene Name	ATG16L1 autophagy related 16 like 1 [Homo sapiens (human)]
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
UniProt ID	Q676U5

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