



# Human ATG16L1 peptide (DAG-P0076)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	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.[provided by RefSeq, Jun 2010]
<b>Conjugate</b>	Unconjugated
<b>Sequence Similarities</b>	Belongs to the WD repeat ATG16 family.Contains 7 WD repeats.
<b>Format</b>	Liquid
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">ATG16L1 autophagy related 16-like 1 (S. cerevisiae) [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	ATG16L1
<b>Synonyms</b>	ATG16L1; autophagy related 16-like 1 (S. cerevisiae); IBD10; WDR30; APG16L; ATG16A; ATG16L; autophagy-related protein 16-1; APG16L beta; WD repeat domain 30; ATG16 autophagy related 16-like 1;
<b>Entrez Gene ID</b>	<a href="#">55054</a>
<b>mRNA Refseq</b>	<a href="#">NM_001190266.1</a>

<b>Protein Refseq</b>	<a href="#">NP_001177195.1</a>
<b>UniProt ID</b>	Q53SV2
<b>Chromosome Location</b>	2q37.1
<b>Pathway</b>	Regulation of autophagy, organism-specific biosystem; Regulation of autophagy, conserved biosystem; Senescence and Autophagy, organism-specific biosystem;
<b>Function</b>	identical protein binding; protein binding;