

# Recombinant Mouse Autophagy-Related 12 (Yeast), His-tagged

Cat. No. Atg12-1523M Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant mouse Atg12 (aa. 1-141) produced in <i>E.coli</i> is a 10 kDa protein. It was fused to C-terminal His-tag.
<b>Species</b>	Mouse
<b>Source</b>	<i>E.coli</i>
<b>ProteinLength</b>	1-141 a.a.
<b>Description</b>	The protein encoded by this gene is a member of the ankyrin repeat and SOCS box-containing (ASB) family of proteins. They contain ankyrin repeat sequence and SOCS box domain. The SOCS box serves to couple suppressor of cytokine signalling (SOCS) proteins and their binding partners with the elongin B and C complex, possibly targeting them for degradation. Multiple alternatively spliced transcript variants have been described for this gene but some of the full length sequences are not known.
<b>Purity</b>	95%.
<b>Application</b>	This recombinant protein can be used for WB, ELISA, MS and neutralization assays.
<b>Tested Application</b>	E, WB, MS.
<b>Buffer</b>	1X PBS containing 0.1% SDS .

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<b>Species Reactivity</b>	n/a.
<b>Storage</b>	Store at -70°C with any protein, exposing IL-16 recombinant protein to repeated freeze/thaw cycles is not recommended. When working with proteins care should be taken to keep recombinant protein at a cool and stable temperature.
<b>Pathways</b>	RIG-I-like receptor signaling pathway; Regulation of autophagy
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	<a href="#">Atg12 autophagy-related 12 (yeast) [ Mus musculus ]</a>
<b>Synonyms</b>	autophagy-related 12 (yeast); Apg12l; Atg12l; 4931423H11Rik; A330058M13Rik; Atg12; autophagy-related 12-like; autophagy 12-like
<b>Gene ID</b>	<a href="#">67526</a>
<b>mRNA Refseq</b>	<a href="#">NM_026217</a>
<b>Protein Refseq</b>	<a href="#">NP_080493</a>
<b>UniProt ID</b>	<a href="#">Q9CQY1</a>
<b>Chromosome Location</b>	18 C
<b>Function</b>	protein binding

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