

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

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	E.coli
Protein Length	1-141 a.a.
Description	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.
Purity	95%.
Application	This recombinant protein can be used for WB, ELISA, MS and neutralization assays.
Tested Application	E, WB, MS.
Buffer	1X PBS containing 0.1% SDS .

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Species Reactivity	n/a.
Storage	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.
Pathways	RIG-I-like receptor signaling pathway; Regulation of autophagy
GENE INFORMATION	
Gene Name	Atg12 autophagy-related 12 (yeast) [Mus musculus]
Synonyms	autophagy-related 12 (yeast); Apg12l; Atg12l; 4931423H11Rik; A330058M13Rik; Atg12; autophagy-related 12-like; autophagy 12-like
Gene ID	67526
mRNA Refseq	NM_026217
Protein Refseq	NP_080493
UniProt ID	Q9CQY1
Chromosome Location	18 C
Function	protein binding