

Recombinant Human APG5L protein, GST-tagged

Cat. No. APG5L-679H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human APG5L partial ORF (AAH02699, 176 a.a. - 275 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene, in combination with autophagy protein 12, functions as an E1-like activating enzyme in a ubiquitin-like conjugating system. The encoded protein is involved in several cellular processes, including autophagic vesicle formation, mitochondrial quality control after oxidative damage, negative regulation of the innate antiviral immune response, lymphocyte development and proliferation, MHC II antigen presentation, adipocyte differentiation, and apoptosis. Several transcript variants encoding different protein isoforms have been found for this gene. [provided by RefSeq, Sep 2015]
Molecular Mass	36.63 kDa
AA Sequence	PAEENGFRYIPFRIYQTTTERPFIQKLFPRVAADGQLHTLGDLLKEVCPSAIDPEDGE KKNQVMIHGIEPMLETPLQWLSEHLSYPDNFLHISIIPQPTD
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [ATG5](#) [ATG5 autophagy related 5 homolog \(S. cerevisiae\)](#) [[Homo sapiens](#)]

Official Symbol [ATG5](#)

Synonyms ATG5; ATG5 autophagy related 5 homolog (S. cerevisiae); APG5 (autophagy 5, S. cerevisiae) like , APG5 autophagy 5 like (S. cerevisiae) , APG5L; autophagy protein 5; APG5; ASP; hAPG5; apoptosis specific protein; apoptosis-specific protein; APG5L; APG5-LIKE;

Gene ID [9474](#)

mRNA Refseq [NM_004849](#)

Protein Refseq [NP_004840](#)

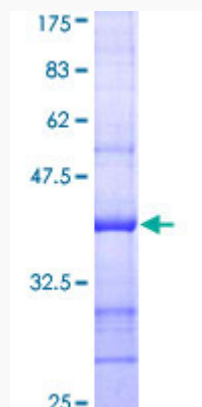
MIM [604261](#)

UniProt ID [Q9H1Y0](#)

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12.5% SDS-PAGE Stained with Coomassie Blue.

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