

Recombinant Human ATG5, T7 -tagged

Cat. No. ATG5-26988TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein: Human APG5L/ATG5 fused with T7 tag at N-terminus.
Species	Human
Source	E.coli
Description	Autophagy protein 5 is a protein that in humans is encoded by the ATG5 gene.
Conjugation	T7
Tissue specificity	Ubiquitous. The mRNA is present at similar levels in viable and apoptotic cells, whereas the protein is dramatically highly expressed in apoptotic cells.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: 0.002% Sodium Azide Constituents: 0.1% Triton-X-100, 10mM Tris, 10mM DTT, pH 8.0
Storage	Aliquot and store at -80°C. Avoid repeated freeze / thaw cycles.
Sequence Similarities	Belongs to the ATG5 family.

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Full Length	Full L.
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;
Gene ID	9474
mRNA Refseq	NM_004849
Protein Refseq	NP_004840
MIM	604261
Uniprot ID	Q9H1Y0
Chromosome Location	6q21
Pathway	Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem; Negative regulators of RIG-I/MDA5 signaling, organism-specific biosystem; RIG-I-like receptor signaling pathway, organism-specific biosystem; RIG-I-like receptor signaling pathway, conserved biosystem;
Function	protein binding;

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