

Recombinant Human ATG5 Protein

Cat. No. ATG5-543H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ATG5 was expressed in E. coli.
Species	Human
Source	E.coli
Description	May play an important role in the apoptotic process, possibly within the modified cytoskeleton. Its expression is a relatively late event in the apoptotic process, occurring downstream of caspase activity. Plays a crucial role in IFN-gamma-induced autophagic cell death by interacting with FADD.
Form	Supplied as a 0.2 μM filtered solution of 20mM Tris, 0.2M NaCl, 1mM DTT, 40%glycerol, pH 8.0
Molecular Mass	32.4kD
AA Sequence	MTDDKDVLRDVWFGRIPTCFTLYQDEITEREAEPYLLLPVSYLTLVTDKVKKHFQ KVMRQEDISEIWFEYEGTPLKWHYPIGLLLFDLLASSSALPWNITVHFKSFPEKDLLHC PSKDAIEAHFMSCMKEADALKHKSQVINEMQKKDHKQLWMGLQNDRFDQFWAINR KLMEYPAEENGFRYIPFRIYQTTTERPFIQKLFRPVAADGQLHTLGDLLKEVCPSAID PEDGEKKNQVMIHGIEPMLETPLQWLS
Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining

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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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