

Recombinant Human ATG4D protein, GST-tagged

Cat. No. ATG4D-431H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ATG4D(1 a.a. - 141 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1 a.a. - 141 a.a.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	42.4 kDa
AA Sequence	MGGKPRHSLYFIGYQDDFLLYLDPHYCQPTVDVSQADFPLESFHCTSPRKMAFAKM DPSCTVGIFYAGDRKEFETL CSELTRVLSSSSATERYPMFTLAEGHAQDHSLLDDLCS QLAQPTLRLPRTGRLLRAKRPSSSEDFVFL
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.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

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Gene Name	ATG4D ATG4 autophagy related 4 homolog D (S. cerevisiae) [Homo sapiens]
Official Symbol	ATG4D
Synonyms	ATG4D; ATG4 autophagy related 4 homolog D (S. cerevisiae); APG4 autophagy 4 homolog D (S. cerevisiae) , APG4D, AUT like 4, cysteine endopeptidase (S. cerevisiae) , AUTL4; cysteine protease ATG4D; APG4 D; autophagin-4; APG4 autophagy 4 homolog D; AUT-like 4 cysteine endopeptidase; AUT-like 4, cysteine endopeptidase; autophagy-related protein 4 homolog D; cysteine protease involved in autophagy; autophagy-related cysteine endopeptidase 4; APG4D; AUTL4; APG4-D;
Gene ID	84971
mRNA Refseq	NM_032885
Protein Refseq	NP_116274
MIM	611340
UniProt ID	Q86TL0
Chromosome Location	19p13.2
Pathway	Regulation of autophagy, organism-specific biosystem; Regulation of autophagy, conserved biosystem;
Function	cysteine-type endopeptidase activity; cysteine-type peptidase activity; peptidase activity;

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