

Recombinant Full Length Human ATG13 Protein, GST-tagged

Cat. No. ATG13-1145HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ATG13 full-length ORF (NP_055556.2, 1 a.a. - 480 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	480 amino acids
Description	The protein encoded by this gene is an autophagy factor and a target of the TOR kinase signaling pathway. The encoded protein is essential for autophagosome formation and mitophagy. [provided by RefSeq, Oct 2016]
Molecular Mass	79.2 kDa
AA Sequence	METDLNSQDR KDLDKFIKFF ALKTVQVIVQ ARLGEKICTR SSSSPTGSDW FNLAIKDIPE VTHEAKKALA GQLPAVGRSM CVEISLKTSE GDSMELEIWC LEMNEKCDKE IKVSYTVYNR LLLLLKSLLA ITRVTPAYRL SRKQGHEYVI LYRIYFGEVQ LSGLGEGFQT VRVGTVGTPV GTITLSCAYR INLAFMSTRQ FERTPPIMGI IIDHFVDRPY PSSSPMHPCN YRTAGEDTGV IYPSVEDSQE VCTTSFSTSP PSQLMVPGKE GGVPLAPNQP VHGTQADQER LATCTPSDRT HCAATPSSSE DTETVSNSSE GRASPHDVLE TIFVRKVGAF VNKPINQVTL TSLDIPFAMF APKNLELEDT DPMVNPDPSP ETESPLQGSL HSDGSSGGSS GNTHDDFVMI DFKPAFSKDD ILPMDLGTFY REFQNPPQLS SLSIDIGAQS MAEDLDSLPE KLAVHEKNVR EFDAFVETLQ

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Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
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	ATG13 ATG13 autophagy related 13 homolog (S. cerevisiae) [Homo sapiens]
Official Symbol	ATG13
Synonyms	ATG13; ATG13 autophagy related 13 homolog (S. cerevisiae); KIAA0652; autophagy-related protein 13; FLJ20698
Gene ID	9776
mRNA Refseq	NM_001142673
Protein Refseq	NP_001136145
MIM	615088
UniProt ID	O75143

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