

Recombinant Human ATG13 protein, GST-tagged

Cat. No. ATG13-944H **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	Wheat Germ
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	METDLNSQDRKDLDKFIKFFALKTVQVIVQARLGEKICTRSSSSPTGSDWFLAIKDI PEVTHEAKKALAGQLPAVGRSMCVEISLKTSEGDSMELEIWCLEMNEKCDKEIKVSY TVYNRLSLLLKSLLAITRVTPAYRLSRKQGHEYVILYRIYFGEVQLSGLGEGFQTVRV GTVGTPVGTITLSCAYRINLAFMSTRQFERTPPIMGIIDHFVDRPYPSSSPMHPCNY RTAGEDTGVYIPSVEDSQEVCTTSFSTSPPSQLMVPKGEGVPLAPNQPVHGTQAD QERLATCTPSDRTHCAATPSSSEDTETVSNSSEGRASPHDVLETIFVRKVGAFVNKP INQVTLTSLDIPFAMFAPKNLELEDTPMVNPPDSPETESPLQGSLHSDGSSGGSSG NTHDDFVMIDFKPAFSKDDILPMDLGTIFYREFQNPPQLSSLSIDIGAQSMAEDLDSLP EKLAVHEKNVREFDAFVETLQ
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

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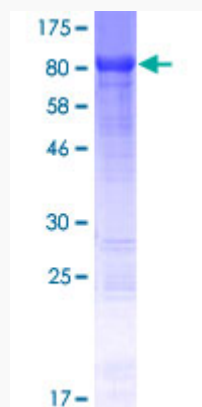
 45-1 Ramsey Road, Shirley, NY 11967, USA

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.
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
UniProt ID	O75143

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12.5% SDS-PAGE Stained with Coomassie Blue.

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