

Recombinant Human ATG4C protein, GST-tagged

Cat. No. ATG4C-950H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ATG4C full-length ORF (NP_116241.2, 1 a.a. - 458 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Autophagy is the process by which endogenous proteins and damaged organelles are destroyed intracellularly. Autophagy is postulated to be essential for cell homeostasis and cell remodeling during differentiation, metamorphosis, non-apoptotic cell death, and aging. Reduced levels of autophagy have been described in some malignant tumors, and a role for autophagy in controlling the unregulated cell growth linked to cancer has been proposed. This gene encodes a member of the autophagin protein family. The encoded protein is also designated as a member of the C-54 family of cysteine proteases. Alternate transcriptional splice variants, encoding the same protein, have been characterized. [provided by RefSeq, Jul 2008]
Molecular Mass	78.9 kDa
AA Sequence	MEATGTDEV DKLKTKFISAWNNMKYSWVLKTKTYFSRNSPVLLL GKCYHFKYED EDKTLPAESGCTIEDHVIAGNVEEFRKDFISRIWLTYREEFPQIEGSALT TDCGWGCTLR TGQMLLAQGLILHFLGRAW TWPDALNIENS DSES WTSHTVKKFTASFEASLSGERE FK TPTISLKETIGKYSDDHEMRNEVYHRKIISWFGDSPLALFGLHQLIEYGKKSGKKA GDWYGPAVVAHILRKAVEEARHPDLQGITIYVAQDCTVYNSDVIDKQSASMTSDNAD

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

DKAVIILVPVRLGGERTNTDYLEFVKGILSLEYCVGIIGGKPKQSYFFAGFQDDSLIYM
DPHYCQSFVDVSIKDFPLETFHCPSPKKMSFRKMDPSC TIGFYCRNVQDFKRASEEI
TKMLKFSSKEKYPLFTFVNGHSRDYDFTSTTTNEEDLFSEDEKKQLKRFSTEEFVLL

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.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

[ATG4C ATG4 autophagy related 4 homolog C \(S. cerevisiae\) \[Homo sapiens \]](#)

Official Symbol

[ATG4C](#)

Synonyms

ATG4C; ATG4 autophagy related 4 homolog C (S. cerevisiae); APG4 autophagy 4 homolog C (S. cerevisiae) , APG4C, AUT (S. cerevisiae) like 1, cysteine endopeptidase; AUT like 1, cysteine endopeptidase (S. cerevisiae) , AUTL1; cysteine protease ATG4C; AUTL3; FLJ14867; autophagin-3; APG4 autophagy 4 homolog C; AUT-like 3 cysteine endopeptidase; AUT-like 1, cysteine endopeptidase; autophagy-related protein 4 homolog C; autophagy-related cysteine endopeptidase 3; APG4C; AUTL1; APG4-C;

Gene ID

[84938](#)

mRNA Refseq

[NM_032852](#)

 Tel: 1-631-559-9269 1-516-512-3133

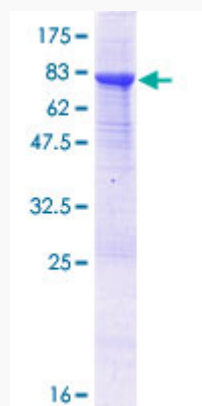
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Protein Refseq NP_116241

MIM 611339

UniProt ID Q96DT6



12.5% SDS-PAGE Stained with Coomassie Blue.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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