

[Go to Product page](#)

Datasheet for ABIN7318186 **ATG4C Protein (His tag)**

Overview

Quantity:	50 µg
Target:	ATG4C
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ATG4C protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human ATG4C Protein (His Tag)
Sequence:	Met 1-Leu458
Characteristics:	Recombinant Human Autophagy Related 4 Homolog C is produced by our E.coli expression system and the target gene encoding Met1-Leu458 is expressed with a 6His tag at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	ATG4C
Alternative Name:	ATG4C (ATG4C Products)
Background:	Background: Cysteine Protease ATG4C (ATG4C) belongs to the peptidase C54 family. It is required for autophagy, which cleaves the C-terminal part of either MAP1LC3, GABARAPL2 or

Target Details

GABARAP, allowing the liberation of form I. A subpopulation of form I is subsequently converted to a smaller form which is considered to be the phosphatidylethanolamine (PE)-conjugated form, and has the capacity for the binding to autophagosomes. ATG4C is a cytoplasmic protein and high expressed in skeletal muscle, liver, testis and heart. ATG4C can be inhibited by N-ethylmaleimide.

Synonym: Cysteine Protease ATG4C, AUT-Like 3 Cysteine Endopeptidase, Autophagin-3, Autophagy-Related Cysteine Endopeptidase 3, Autophagy-Related Protein 4 homolog C, ATG4C, APG4C, AUTL1, AUTL3

Molecular Weight: 53.6 kDa

UniProt: [Q96DT6](#)

Pathways: [Autophagy](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl, 100 mM NaCl, 10 % Glycerol, pH 8.0.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.