

**Recombinant Human Autophagy Related 4 Homolog C/ATG4C Protein(C-6His)**

**Cat.NO.: TP06021**

3th Edition

**Synonyms:**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

**Description:**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 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.

**Form:**PBS

**Molecular Weight:**53.6 kDa

**Sequences:**Met 1-Leu458

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.