

**Recombinant Human Autophagy Related 4 Homolog A/ATG4A Protein(N-6His)**

**Cat.NO.: TP06018**

3th Edition

**Synonyms:**Cysteine Protease ATG4A; AUT-Like 2 Cysteine Endopeptidase; Autophagin-2; Autophagy-Related Cysteine Endopeptidase 2; Autophagy-Related Protein 4 Homolog A; hAPG4A; ATG4A; APG4A; AUTL2

**Description:**Cysteine Protease ATG4A (ATG4A) is a cytoplasmic protein that belongs to the peptidase C54 family. ATG4A is widely expressed in many tissues at a low level, but the highest expression is observed in skeletal muscle and brain. ATG4A is a cysteine protease required for autophagy; it cleaves the C-terminal part of MAP1LC3, GABARAPL2 or GABARAP. ATG4A is inhibited by N-ethylmaleimide. It is suggested that ATG4A has a significant role in suppressing various cancers.

**Form:**PBS

**Molecular Weight:**47.5 kDa

**Sequences:**Met 1-Val398

**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.