

Recombinant Human Autophagy Related 10 Homolog/ATG10 Protein(C-6His, N-T7 tag)

Cat.NO.: TP06014

3th Edition

Synonyms:Ubiquitin-Like-Conjugating Enzyme ATG10; Autophagy-Related Protein 10; APG10-Like; ATG10

Description:Ubiquitin-Like-Conjugating Enzyme ATG10 (ATG10) is a ubiquitous 28kDa member of the ATG10 family protein. ATG10 acts as an E2-like enzyme, catalyzes the transfer of ATG12 to ATG5 during in the initial stages of autophagosome formation. The heterodimer of ATG5 and ATG12 subsequently associates non-covalently with an ATG16 multimer to generate an autophagosome. ATG10 plays a role in the conjugation of ATG12 to ATG5 by interaction with MAP1LC3A. In addition, ATG10 can directly interact with ATG5 or ATG7.

Form:PBS

Molecular Weight:24.5 kDa

Sequences:Met 1-Thr190

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.