

32-8105: Recombinant Human Autophagy Related 4 Homolog C/ATG4C (C-6His)(Discontinued)

Gene : ATG4C
Gene ID : 84938
Uniprot ID : Q96DT6

Description

Source: E.coli.
MW :53.56kD.

Recombinant Human Autophagy protein 4C 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. 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.

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm filtered solution of 20mM TrisHCl, 100mM NaCl, 10% Glycerol, pH 8.0.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : MEATGTDEVDKLTAKFISAWNNMKYSWVLKTKTYFSRNSPVLLLGKCYHFKYEDEDKTLPAESGCTIEDHVIAG NVEEFRKDFISRIWLTYREEFPQIEGSALTTDCGWGCTLRGTGQMLLAQGLLHFLGRAWTPDALNIENSSES WTSHTVKKFTASFEASLSGEREFKPTISLKETIGKYSDHEMRNEVYHRKIISWFGDSPLALFGLHQLIEYGKKS GKKAGDWYGPAAVVAHILRKAVEEARHPDLQGITYVAQDCTVYNSDVIDKQASMTSDNADDKAVIILVPLVRLG GERTNTDYLEFVKGILSLEYCVGIIGGKPKQSYFAGFQDDSLIYMDPHYCQSFVDVSIKDFPLETFHCPSPKKMS FRKMDPSCITIGFYCRNVQDFKRASEEITKMLKFSSKEKYPLFTFVNGHSRDYDFTSTTTNEEDLFSEDEKKQLKR FSTEEFVLLLEHHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.