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32-8059: Recombinant Human Autophagy Related 10 Homolog/ATG10 (C-6His, N-T7 tag)

Gene : ATG10
Gene ID : 83734
Uniprot ID : Q9H0Y0

Description

Source: E.coli.
MW :24.5kD.
Recombinant Human Autophagy protein 10 is produced by our E.coli expression system and the target gene encoding Met1-Thr190 is expressed with a T7 tag at the N-terminus, 6His tag at the C-terminus. 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 autophagesome formation. The heterodimer of ATG5 and ATG12 subsequntly associates non-covalently with an ATG16 multimer to generate an antophagosome. ATG10 plays a role in the conjugation of ATG12 to ATG5 by interaction with MAP1LC3A. In addition, ATG10 can diretly interact with ATG5 or ATG7.

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 8.0.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : MASMTGGQQMGRGSMEEDEFIGEKTFQRYCAEFIKHSQQIGDSWEWRPSKDCSDGYMCKIHFQIKNGSVMS
HLGASTHGQTCLPMEEAFELPLDDCEVIETAAASEVIKYEYHVLYSCSYQVPVLYFRASFLDGRPLTLKDIWEGV
HECYKMRLLQGPWDTITQQEHPILGQPFFVLHPCKTNEFMTPVLKNSQKINKNVNYITLEHHHHHH

Application Note

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

For Research Use Only. Not for use in diagnostic/therapeutics procedures.