

Product datasheet

Recombinant Human ATG4B protein ab123195

1 图像

概述

产品名称	重组人ATG4B蛋白
蛋白长度	Full length protein

描述

性质	Recombinant
来源	Escherichia coli

氨基酸序列

Accession [Q9Y4P1](#)

种属 Human

序列 MDAATLTYDT LRFAEFEDFP ETSEPVWILG
 RKYSIFTEKD EILSDVASRL WFTYRKNFPA
 IGGTGPTS DT GWGMLRCGQ MIFAQALVCR
 HLGRDWRWTQ RKRQPDSYFS VLNAFIDRDK
 SYYSIHQIAQ MGVGEGK SIG QWYGPNTVAQ
 VLKKLAVFDT WSSLAVHIAM DNTVVMEEIR
 RLCRTSVPCA GATAFPADSD RHCNGFPAGA
 EVTNRPSWR PLVLLIPLRL GLTDINEAYV
 ETLKHCFMMP QSLGVIGGKP NSAHYFIGYV
 GEELIYLDPH TTQPAVEPTD GCFIPDESFH
 CQHPPCRMSI AELDPSIAVG FFCKTEDDFN
 DWCQVVKLS LLGGALPMFE LVEQQPSHLA
 CPDVLNLSLD SSDVERLERF FDSEDED FEI
 LSLLEHHHHH H

分子量 45 kDa including tags

氨基酸 1 to 393

标签 His tag C-Terminus

技术指标

Our [Abpromise guarantee](#) covers the use of **ab123195** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	SDS-PAGE Mass Spectrometry
质谱法	MALDI-TOF
纯度	> 90 % SDS-PAGE. ab123195 is purified using conventional chromatography techniques.
形式	Liquid

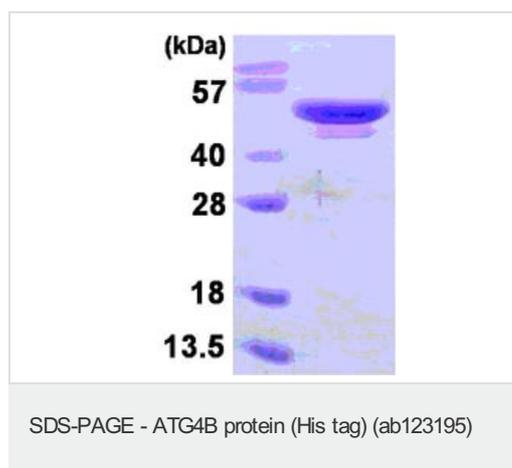
制备和贮存

稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. pH: 8.00 Constituents: 0.002% PMSF, 0.02% DTT, 0.32% Tris HCl, 20% Glycerol
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常规信息

功能	Cysteine protease 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 (form II). Form II, with a revealed C-terminal glycine, is considered to be the phosphatidylethanolamine (PE)-conjugated form, and has the capacity for the binding to autophagosomes.
组织特异性	Mainly expressed in the skeletal muscle, followed by brain, heart, liver and pancreas.
序列相似性	Belongs to the peptidase C54 family.
细胞定位	Cytoplasm.

图片



15% SDS-PAGE showing ab123195 (3µg).

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