MAP1LC3B Bacteria-Derived Recombinant Protein

PRODUCT OVERVIEW

Product Name	MAP1LC3B, Recombinant Protein
Full Product Name	Bacteria-Derived MAP1LC3B Recombinant Protein Lyophilized
Product Gene Name	MAP1LC3B recombinant protein
Host	E Coli
Form/Format	The protein formulation is lyophilized from a 0.2um filtered solution of 20mM Tris, 150mM NaCl, 2mM DTT, pH8.0
Purity/Purification	>95% as determined by reducing SDS-PAGE. <1.0 EU per ug as determined by the LAL method.
Preparation and Storage	Lyophilized proteins are stable for up to 12 months when stored at -20 to -80 degree C. Reconstituted protein solution can be stored at 4-8 degree C for 2-7 days. Aliquots of reconstituted samples are stable at -20 degree C for 3 months.
Species	Human
Related Product Information for MAP1LC3B recombinant protein	Bacteria-Derived MAP1LC3B Recombinant Protein Lyophilized has been recombinantly produced in E Coli. Microtubule-associated proteins 1A/1B light chain 3B (MAP1LC3B) is a member of the highly conserved ATG8 protein family. ATG8 proteins are present in all known eukaryotic organisms. MAP1LC3B is one of the four genes in the MAP1LC3 subfamily (others include MAP1LC3A, MAP1LC3C, and MAP1LC3B2). It is moat abundantly expressed in heart, brain, skeletal muscle and testis. LMAP1LC3B is a subunit of neuronal microtubule and functions in formation of autophagosomal vacuoles (autophagosomes). It associated MAP1A and MAP1B proteins, which are involved in microtubule assembly and important for neurogenesis. MAP1LC3B also plays a role in autophagy, a process that involves the bulk degradation of cytoplasmic component.
Other Notes	Small volumes of MAP1LC3B recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for MAP1LC3B purchase	MBS8430605 is a recombinant protein targeting MAP1LC3B. Also known as Bacteria-Derived MAP1LC3B Recombinant Protein Lyophilized. Host: E Coli.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MAP1LC3B. It may not necessarily be applicable to this product.

Protein Family	Microtubule-associated protein
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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