Protein Cordon-Bleu (COBL) Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein cordon-bleu (Cobl), Recombinant Protein
Full Product Name	Recombinant Mouse Protein cordon-bleu (Cobl) , partial
Product Gene Name	Cobl recombinant protein
Product Synonym Gene Name	Cobl
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	38,036 Da
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q5NBX1
Species	Mouse
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Cobl recombinant protein	MBS1344197 is a recombinant protein targeting Cobl. Also known as Recombinant Mouse Protein cordon-bleu (Cobl) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Cobl 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.

ADDITIONAL DETAILS

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

NCBI GI #	162135966
NCBI GeneID	12808
NCBI Accession #	NP_766084.3
UniProt Primary Accession #	Q5NBX1
UniProt Secondary Accession #	Q5NBX2; Q60859; Q6PAT4; Q7TQM9; Q80TV4; Q8C7Q0; Q8CE81; Q8CIM4
UniProt Related Accession #	Q5NBX1
GenBank Nucleotide #	NM_172496.3
NCBI Official Full Name	protein cordon-bleu isoform 1
NCBI Official Synonym Full Names	cordon-bleu WH2 repeat

NCBI Official Symbol	Cobl
UniProt Protein Name	Protein cordon-bleu
Protein Family	Precorrin-6Y C(5,15)-methyltransferase
UniProt Gene Name	Cobl
UniProt Synonym Gene Names	Kiaa0633
NCBI Protein Information	protein cordon-bleu
UniProt Comments for Cobl	Plays an important role in the reorganization of the actin cytoskeleton. Binds to and sequesters actin monomers (G actin). Nucleates actin polymerization by assembling three actin monomers in cross-filament orientation and thereby promotes growth of actin filaments at the barbed end. Can also mediate actin depolymerization at barbed ends and severing of actin filaments. Promotes formation of cell ruffles. Regulates neuron morphogenesis and increases branching of axons and dendrites. Regulates dendrite branching in Purkinje cells.
Research Articles on Cobl	**1.** these results provide insight as to how COBL contributes to the assembly of actin-based structures such as epithelial microvilli.
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.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
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.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/recombinant-protein/protein-cordon-bleu-cobl/1344197