Protein Mab-21-Like 2 (MAB21L2) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protein mab-21-like 2 (MAB21L2), Recombinant Protein
Full Product Name	Recombinant Human Protein mab-21-like 2 (MAB21L2)
Product Gene Name	MAB21L2 recombinant protein
Product Synonym Gene Name	MAB21L2
Sequence	MIAAQAKLVY QLNKYYTERC QARKAAIAKT IREVCKVVSD VLKEVEVQEP RFISSLSEID ARYEGLEVIS PTEFEVVLYL NQMGVFNFVD DGSLPGCAVL KLSDGRKRSM SLWVEFITAS GYLSARKIRS RFQTLVAQAV DKCSYRDVVK MIADTSEVKL RIRERYVVQI TPAFKCTGIW PRSAAQWPMP HIPWPGPNRV AEVKAEGFNL LSKECYSLTG KQSSAESDAW VLQFGEAENR LLMGGCRNKC LSVLKTLRDR HLELPGQPLN NYHMKTLLLY ECEKHPRETD WDESCLGDRL NGILLQLISC LQCRRCPHYF LPNLDLFQGK PHSALESAAK QTWRLAREIL TNPKSLDKL
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	40,923 Da
Sequence Positions	1-359, Full length protein
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.
OMIM	604357
3D Structure	ModBase 3D Structure for Q9Y586
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for MAB21L2 recombinant protein	This gene is similar to the C. elegans MAB-21 cell fate-determining gene, a downstream target of transforming growth factor-beta signaling. It is thought that this gene may be involved in neural development. This protein is primarily nuclear, although some cytoplasmic localization has been observed.
Other Notes	Small volumes of MAB21L2 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 MAB21L2 purchase	MBS1317592 is a recombinant protein targeting MAB21L2. Also known as Recombinant Human Protein mab-21-like 2 (MAB21L2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MAB21L2. It may not necessarily be applicable to this product.

NCBI GI #	5453730
NCBI GeneID	10586
NCBI Accession #	NP_006430.1
UniProt Primary Accession #	Q9Y586
UniProt Secondary Accession #	Q9HBA7; B3KP37
UniProt Related Accession #	Q9Y586
GenBank Nucleotide #	NM_006439.4
NCBI Official Full Name	protein mab-21-like 2
NCBI Official Synonym Full Names	mab-21 like 2
NCBI Official Symbol	MAB21L2
NCBI Official Synonym Symbols	MCOPS14; MCSKS14
UniProt Protein Name	Protein mab-21-like 2
Protein Family	Protein mab
UniProt Gene Name	MAB21L2
NCBI Protein Information	protein mab-21-like 2
NCBI Summary for MAB21L2	This gene is similar to the C. elegans MAB-21 cell fate-determining gene, a downstream target of transforming growth factor-beta signaling. It is thought that this gene may be involved in neural development. The protein encoded by this gene is primarily nuclear, although some cytoplasmic localization has been observed. [provided by RefSeq, Jul 2008]
UniProt Comments for MAB21L2	Required for several aspects of embryonic development including normal development of the eye.
Research Articles on MAB21L2	**1.** mab21 gene family members, mab21l1 and mab21l2, play important roles in regulating eye development. [review]
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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