Centriolin (CNTRL) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Centriolin (CNTRL), Recombinant Protein
Full Product Name	Recombinant Human Centriolin (CNTRL) , partial
Product Gene Name	CNTRL recombinant protein
Product Synonym Gene Name	CNTRL
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	268,241 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.
OMIM	605496
3D Structure	ModBase 3D Structure for Q7Z7A1
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CNTRL recombinant protein	This gene encodes a centrosomal protein required for the centrosome to function as a microtubule organizing center. The gene product is also associated with centrosome maturation. One version of stem cell myeloproliferative disorder is the result of a reciprocal translocation between chromosomes 8 and 9, with the breakpoint associated with fibroblast growth factor receptor 1 and centrosomal protein 1.
Other Notes	Small volumes of CNTRL 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 CNTRL purchase	MBS1363298 is a recombinant protein targeting CNTRL. Also known as Recombinant Human Centriolin (CNTRL) , partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

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

NCBI GI #	1061899776
NCBI GeneID	11064
NCBI Accession #	NP_001317691.1
UniProt Primary Accession #	Q7Z7A1
UniProt Secondary Accession #	Q3MN79; Q5FWF8; Q5JVD0; Q6MZR3; Q6PKC1; Q8TEP3; Q9Y489; A2A2Y1; B2RP67

UniProt Related Accession #	Q7Z7A1
GenBank Nucleotide #	NM_001330762.1
NCBI Official Full Name	centriolin isoform 2
NCBI Official Synonym Full Names	centriolin
NCBI Official Symbol	CNTRL
NCBI Official Synonym Symbols	FAN; CEP1; CEP110; bA165P4.1
UniProt Protein Name	Centriolin
UniProt Synonym Protein Names	Centrosomal protein 1; Centrosomal protein of 110 kDa; Cep110
Protein Family	Centriolin
UniProt Gene Name	CNTRL
UniProt Synonym Gene Names	CEP1; CEP110; Cep110
NCBI Protein Information	centriolin
UniProt Comments for CNTRL	Involved in cell cycle progression and cytokinesis. During the late steps of cytokinesis, anchors exocyst and SNARE complexes at the midbody, thereby allowing secretory vesicle-mediated abscission.
Research Articles on CNTRL	**1.** CNTRL and FGFR1 have roles in myeloid and lymphoid malignancies in both human and mouse models
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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