POC1 Centriolar Protein Homolog B (poc1b) Danio Rerio Recombinant Protein

PRODUCT OVERVIEW

Product Name	POC1 centriolar protein homolog B (poc1b), Recombinant Protein
Full Product Name	Recombinant Danio rerio POC1 centriolar protein homolog B (poc1b)
Product Gene Name	poc1b recombinant protein
Sequence	MASVMEDPTL ERHFKGHKDV ISCADFNPNN KQLATGSCDK SLMIWNLAPK ARAFRFVGHT DVITGVNFAP SGSLVASSSR DQTVRLWTPS IKGESTVFKA HTASVRSVHF SRDGQRLVTA SDDKSVKVWG VERKKFLYSL NRHTNWVRCA RFSPDGRLIA SCGDDRTVRL WDTSSHQCIN IFTDYGGSAT FVDFNSSGTC IASSGADNTI KIWDIRTNKL IQHYKVHNAG VNCFSFHPSG NYLISGSSDS TIKILDLLEG RLIYTLHGHK GPVLTVTFSR DGDLFASGGA DSQVLMWKTN FDSLNYRELL SKHSKRVTPD PPPHLMDIYP RSHHRHHPQN GTVEINPVAD TQSTDPQVVE VGRVVFSTTD ARNYDGASSS RAQFTSGMDS GPFRTHTQAR EEEDENQEER FAGGMTASPA ERSGIPSSLT STLENIVQQL DILTQTVAVL EERLTLTEDK LRTCLDNQVL LMQQNQQLDR SDEESEGPPL
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	54,391 Da
Sequence Positions	1-490, 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.
3D Structure	ModBase 3D Structure for A2CEH0
Species	Zebrafish
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for poc1b recombinant protein	MBS1257393 is a recombinant protein targeting poc1b. Also known as Recombinant Danio rerio POC1 centriolar protein homolog B (poc1b). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of poc1b 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 poc1b. It may not necessarily be applicable to this product.

NCBI GI #	41056233
NCBI GeneID	386932
NCBI Accession #	NP_956412.1
UniProt Primary Accession #	A2CEH0
UniProt Secondary Accession #	Q6TEQ1; Q7SXR5

UniProt Related Accession #	A2CEH0
GenBank Nucleotide #	NM_200118.1
NCBI Official Full Name	POC1 centriolar protein homolog B
NCBI Official Synonym Full Names	POC1 centriolar protein B
NCBI Official Symbol	poc1b
NCBI Official Synonym Symbols	TUWD12; wdr51b; zgc:63538; wu:fl36w17
UniProt Protein Name	POC1 centriolar protein homolog B
UniProt Synonym Protein Names	WD repeat domain 51B
Protein Family	POC1 centriolar protein
UniProt Gene Name	poc1b
NCBI Protein Information	POC1 centriolar protein homolog B
UniProt Comments for poc1b	Plays an important role in centriole assembly and/or stability and ciliogenesis. Involved in early steps of centriole duplication, as well as in the later steps of centriole length control.
Research Articles on poc1b	**1.** data suggest that poc1b is required for normal development and ciliogenesis of retinal photoreceptor sensory cilia and other cilia
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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