Centrosomal Protein of 57 Kda (CEP57) Rat Recombinant Protein

PRODUCT OVERVIEW

Product Name	Centrosomal protein of 57 kDa (Cep57), Recombinant Protein
Full Product Name	Recombinant Rat Centrosomal protein of 57 kDa (Cep57)
Product Gene Name	Cep57 recombinant protein
Sequence	MAAASVSAAS DSQFSSVLAE PSRSNGNMVH HSSSPYVLYP PDKPFLNSDL RRSPNKPTFA YPESNSRAIF SALKNLQDKI RRLELERIRA EESVKTLSRE TIEYKKVLDE QIQERENSKN EESKHNQELA SQLVAAENKC NLLEKQLEYM RNMIKHAEME RTSVLEKQVS LERERQHDQS HVQSQLEKLD LLEQEYNRLT AMQALAEKKM QELESKLHEE EQERKRMQAR AAELQSGIEA NRLIFEDRNT SCVSTSTRKI KKKKSKPPEK KGFRNNFGAQ PHYRLCLGDM PFVAGTSTSP SHAVVANVQH VLHLMKHHSR ALCNDRVVNS VPLAKQACSR GSKSKKSVAP PSSSVNEELS DVLQTLQDEF GQMSFDHQQL TKLIQESPSE ELKDNLECEL EALVRRMEAK ANQITKVRKY QAQLEKQSTD KQKELKGNKK TLDEEGNSSS RSSVITRTTS KKDFTKQRPG EKSRKNLQLL KDMQTLQNSL QSSNVCWDY
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	57,040 Da
Sequence Positions	1-499, 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 B4F7A7
Species	Rat
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Cep57 recombinant protein	MBS1237739 is a recombinant protein targeting Cep57. Also known as Recombinant Rat Centrosomal protein of 57 kDa (Cep57). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Cep57 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 Cep57. It may not necessarily be applicable to this product.

NCBI GI #	348605191
NCBI GeneID	315423
NCBI Accession #	NP_001101594.2
UniProt Primary Accession #	B4F7A7

UniProt Related Accession #	B4F7A7
GenBank Nucleotide #	NM_001108124.3
NCBI Official Full Name	centrosomal protein of 57 kDa
NCBI Official Synonym Full Names	centrosomal protein 57
NCBI Official Symbol	Cep57
NCBI Official Synonym Symbols	RGD1309884; 3110002l15rik
UniProt Protein Name	Centrosomal protein of 57 kDa
UniProt Synonym Protein Names	Translokin
Protein Family	Centrosomal protein
UniProt Gene Name	Cep57
UniProt Synonym Gene Names	Cep57
NCBI Protein Information	centrosomal protein of 57 kDa
UniProt Comments for Cep57	Centrosomal protein which may be required for microtubule attachment to centrosomes. May act by forming ring-like structures around microtubules. Mediates nuclear translocation and mitogenic activity of the internalized growth factor FGF2 ().
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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