Wd Repeat Domain-Containing Protein 83 (wdr83) Danio Rerio Recombinant Protein

PRODUCT OVERVIEW

Product Name	WD repeat domain-containing protein 83 (wdr83), Recombinant Protein
Full Product Name	Recombinant Danio rerio WD repeat domain-containing protein 83 (wdr83)
Product Gene Name	wdr83 recombinant protein
Product Synonym Gene Name	wdr83
Sequence	MAFPQPRPQA PQLPQHLWRT VDCQQGAVRA VRFNADGNYL LTCGSDKSLK LWSVSRGTLL KTYSGHGYEV LDADGSYDNS QLCSCSSDKT VILWDVASGQ VTRKLRGHAG KVNCVQFNEE ATVMLSGSID GTVRCWDTRS RRMEPIQILD ESQDGISSLK VSEHELLTGS VDGRVRRYDL RMGQLQVDYI GSPITCVCFS RDGQCTLSSS LDSTVRLLDK STGEMLGEYS GHVNKGYKLD CCLTDKDTHV LSCSEDGHVY YWDLVEGSLT LKLPVGKAVV QSLSFHPTEP RLLTSMEGRV QVWGAEPEDA AENES
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	34,795 Da
Sequence Positions	1-315, 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 Q6DH44
Species	Zebrafish
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for wdr83 recombinant protein	MBS1468765 is a recombinant protein targeting wdr83. Also known as Recombinant Danio rerio WD repeat domain-containing protein 83 (wdr83). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of wdr83 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 wdr83. It may not necessarily be applicable to this product.

NCBI GI #	50539926
NCBI GeneID	436702
NCBI Accession #	NP_001002429.1
UniProt Primary Accession #	Q6DH44
UniProt Related Accession #	Q6DH44

GenBank Nucleotide #	NM_001002429.1
NCBI Official Full Name	WD repeat domain-containing protein 83
NCBI Official Synonym Full Names	WD repeat domain containing 83
NCBI Official Symbol	wdr83
NCBI Official Synonym Symbols	morg1; zgc:92654; wu:fj29g04
UniProt Protein Name	WD repeat domain-containing protein 83
UniProt Synonym Protein Names	Mitogen-activated protein kinase organizer 1; MAPK organizer 1
Protein Family	WD repeat domain-containing protein
UniProt Gene Name	wdr83
UniProt Synonym Gene Names	morg1; MAPK organizer 1
NCBI Protein Information	WD repeat domain-containing protein 83
UniProt Comments for wdr83	Molecular scaffold protein for various multimeric protein complexes. Acts as a module in the assembly of a multicomponent scaffold for the ERK pathway, linking ERK responses to specific agonists. Also involved in response to hypoxia by acting as a negative regulator of HIF1A/HIF-1-alpha ().
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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