14-3-3 Protein Beta/Alpha (YWHAB) Macaca Fascicularis Recombinant Protein

PRODUCT OVERVIEW

Product Name	14-3-3 protein beta/alpha (YWHAB), Recombinant Protein
Full Product Name	Recombinant Macaca fascicularis 14-3-3 protein beta/alpha (YWHAB)
Product Gene Name	YWHAB recombinant protein
Product Synonym Gene Name	YWHAB
Sequence	MTMDKSELVQ KAKLAEQAER YDDMAAAMKA VTEQGHELSN EERNLLSVAY KNVVGARRSS WRVISSIEQK TERNEKKQQM GKEYREKIEA ELQDICNDVL ELLDKYLIPN ATQPESKVFY LKMKGDYFRY LSEVASGDNK QTTVSNSQQA YQEAFEISKK EMQPTHPIRL GLALNFSVFY YEILNSPEKA CSLAKTAFDE AIAELDTLNE ESYKDSTLIM QLLRDNLTLW TSENQGDEGD AGEGEN
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	27,850 Da
Sequence Positions	1-246, 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 Q4R572
Species	Macaca fascicularis (Crab-eating macaque) (Cynomolgus monkey)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for YWHAB recombinant protein	MBS1314944 is a recombinant protein targeting YWHAB. Also known as Recombinant Macaca fascicularis 14-3-3 protein beta/alpha (YWHAB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of YWHAB 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 YWHAB. It may not necessarily be applicable to this product.

NCBI GI #	544465942
NCBI GeneID	101926442
NCBI Accession #	XP_005569168.1
UniProt Primary Accession #	Q4R572
UniProt Related Accession #	Q4R572

GenBank Nucleotide #	XM_005569111.2
NCBI Official Full Name	14-3-3 protein beta/alpha
NCBI Official Symbol	YWHAB
NCBI Official Synonym Symbols	GW128
UniProt Protein Name	14-3-3 protein beta/alpha
Protein Family	14-3-3 protein
UniProt Gene Name	YWHAB
NCBI Protein Information	14-3-3 protein beta/alpha
UniProt Comments for YWHAB	Adapter protein implicated in the regulation of a large spectrum of both general and specialized signaling pathways. Binds to a large number of partners, usually by recognition of a phosphoserine or phosphothreonine motif. Binding generally results in the modulation of the activity of the binding partner. Negative regulator of osteogenesis. Blocks the nuclear translocation of the phosphorylated form (by AKT1) of SRPK2 and antagonizes its stimulatory effect on cyclin D1 expression resulting in blockage of neuronal apoptosis elicited by SRPK2. Negative regulator of signaling cascades that mediate activation of MAP kinases via AKAP13.
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