Tubulin Beta-4b Chain (TUBB4B) Bovine Recombinant Protein

PRODUCT OVERVIEW

Product Name	Tubulin beta-4B chain (TUBB4B), Recombinant Protein
Full Product Name	Recombinant Bovine Tubulin beta-4B chain (TUBB4B)
Product Gene Name	TUBB4B recombinant protein
Product Synonym Gene Name	TUBB4B
Sequence	MREIVHLQAG QCGNQIGAKF WEVISDEHGI DPTGTYHGDS DLQLERINVY YNEATGGKYV PRAVLVDLEP GTMDSVRSGP FGQIFRPDNF VFGQSGAGNN WAKGHYTEGA ELVDSVLDVV RKEAESCDCL QGFQLTHSLG GGTGSGMGTL LISKIREEYP DRIMNTFSVV PSPKVSDTVV EPYNATLSVH QLVENTDETY CIDNEALYDI CFRTLKLTTP TYGDLNHLVS ATMSGVTTCL RFPGQLNADL RKLAVNMVPF PRLHFFMPGF APLTSRGSQQ YRALTVPELT QQMFDAKNMM AACDPRHGRY LTVAAVFRGR MSMKEVDEQM LNVQNKNSSY FVEWIPNNVK TAVCDIPPRG LKMSATFIGN STAIQELFKR ISEQFTAMFR RKAFLHWYTG EGMDEMEFTE AESNMNDLVS EYQQYQDATA EEEGEFEEEA EEEVA
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	49,831 Da
Sequence Positions	1-445, 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 Q3MHM5
Species	Bovine
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TUBB4B recombinant protein	MBS1308525 is a recombinant protein targeting TUBB4B. Also known as Recombinant Bovine Tubulin beta-4B chain (TUBB4B). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of TUBB4B 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 TUBB4B. It may not necessarily be applicable to this product.

NCBI GI #	77736271
NCBI GeneID	539149
NCBI Accession #	NP_001029835.1

UniProt Primary Accession #	Q3MHM5
UniProt Related Accession #	Q3MHM5
GenBank Nucleotide #	NM_001034663.2
NCBI Official Full Name	tubulin beta-4B chain
NCBI Official Synonym Full Names	tubulin beta 4B class IVb
NCBI Official Symbol	TUBB4B
NCBI Official Synonym Symbols	TUBB2A; TUBB2C
UniProt Protein Name	Tubulin beta-4B chain
UniProt Synonym Protein Names	Tubulin beta-2C chain
Protein Family	Tubulin
UniProt Gene Name	TUBB4B
UniProt Synonym Gene Names	TUBB2C
NCBI Protein Information	tubulin beta-4B chain
UniProt Comments for TUBB4B	Tubulin is the major constituent of microtubules. It binds two moles of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha chain.
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