Tubulin Beta-3 Chain (TUBB3) Oryza Sativa Subsp. Japonica Recombinant Protein

PRODUCT OVERVIEW

Product Name	Tubulin beta-3 chain (TUBB3), Recombinant Protein
Full Product Name	Recombinant Oryza sativa subsp. japonica Tubulin beta-3 chain (TUBB3)
Product Gene Name	TUBB3 recombinant protein
Product Synonym Gene Name	TUBB3
Sequence	MREILHIQGG QCGNQIGAKF WEVICDEHGI DHTGKYSGDS DLQLERINVY YNEASGGRYV PRAVLMDLEP GTMDSVRSGP YGQIFRPDNF VFGQSGAGNN WAKGHYTEGA ELIDSVLDVV RKEAENCDCL QGFQVCHSLG GGTGSGMGTL LISKIREEYP DRMMLTFSVF PSPKVSDTVV EPYNATLSVH QLVENADECM VLDNEALYDI CFRTLKLATP TFGDLNHLIS ATMSGVTCCL RFPGQLNSDL RKLAVNLIPF PRLHFFMVGF APLTSRGSQQ YRALTVPELT QQMWDAKNMM CAADPRHGRY LTASAMFRGK MSTKEVDEQM LNVQNKNSSY FVEWIPNNVK SSVCDIPPIG LKMASTFIGN STSIQEMFRR VSEQFTAMFR RKAFLHWYTG EGMDEMEFTE AESNMNDLVA EYQQYQDATA EEEDYEEEEE DEEVAA
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	48,465 Da
Sequence Positions	1-446, 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 Q40665
Species	Oryza sativa subsp. japonica (Rice)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TUBB3 recombinant protein	MBS1356752 is a recombinant protein targeting TUBB3. Also known as Recombinant Oryza sativa subsp. japonica Tubulin beta-3 chain (TUBB3). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of TUBB3 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 TUBB3. It may not necessarily be applicable to this product.

NCBI GI #	1002277958
NCBI GeneID	4341810
NCBI Accession #	XP_015643315.1
UniProt Primary Accession #	Q40665

UniProt Secondary Accession #	Q652I6; A3BEJ5
UniProt Related Accession #	Q40665
GenBank Nucleotide #	XM_015787829.1
NCBI Official Full Name	tubulin beta-3 chain
NCBI Official Symbol	LOC4341810
NCBI Official Synonym Symbols	TUB3; TUBB3; RTUB-2
UniProt Protein Name	Tubulin beta-3 chain
UniProt Synonym Protein Names	Beta-3-tubulin
Protein Family	Tubulin
UniProt Gene Name	TUBB3
UniProt Synonym Gene Names	RTUB-2; TUB3
NCBI Protein Information	tubulin beta-3 chain
UniProt Comments for TUBB3	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.
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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