Tubulin Beta Chain (TUBB1) Polytomella Agilis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Tubulin beta chain (TUBB1), Recombinant Protein
Full Product Name	Recombinant Polytomella agilis Tubulin beta chain (TUBB1)
Product Gene Name	TUBB1 recombinant protein
Sequence	MREIVHIQGG QCGNQIGAKF WEVVSDEHGI DPTGTALGDS DLQLERINVY FNEATGSRYV PRAILMDLEP GTMDSVRSGP YGQIFRPDNF VFGQTGAGNN WAKGHYTEGA ELIDSVLDVV RKEAESCDCL QGFQVCHSLG GGTGSGMGTL LISKIREEYP DRMMLTFSVV PSPKVSDTVV EPYNATLSVH QLVENADECM VLDNEALYDI CFRTLKLTTP TFGDLNHLIS AVMSGITCCL RFPGQLNADL RKLAVNLIPF PRLHFFMVGF TPLTSRGSQQ YRALTVPELT QQMWDAKNMM CAADPRHGRY LTASALFRGR MSTKEVDEQM LNVQNKNSSY FVEWIPNNVK SSVCDIPPKG LKMSATFIGN STAIQEMFKR VSEQFTAMFR RKAFLHWYTG EGMDEMEFTE AESNMNDLVS EYQQYQDASA EEEGEFGEEE EEN
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	49,576 Da
Sequence Positions	1-443, 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 P22852
Species	Polytomella agilis (Quadriflagellate alga)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TUBB1 recombinant protein	MBS1233875 is a recombinant protein targeting TUBB1. Also known as Recombinant Polytomella agilis Tubulin beta chain (TUBB1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of TUBB1 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 TUBB1. It may not necessarily be applicable to this product.

NCBI GI #	135494
NCBI Accession #	P22852.1
UniProt Primary Accession #	P22852
NCBI Official Full Name	Tubulin beta chain
UniProt Protein Name	Tubulin beta chain

UniProt Synonym Protein Names	Beta-tubulin
Protein Family	Tubulin
UniProt Gene Name	TUBB1
UniProt Comments for TUBB1	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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