Tubulin Beta-8 Chain (TUBB8) Pan Troglodytes Recombinant Protein

PRODUCT OVERVIEW

Product Name	Tubulin beta-8 chain (TUBB8), Recombinant Protein
Full Product Name	Recombinant Pan troglodytes Tubulin beta-8 chain (TUBB8)
Product Gene Name	TUBB8 recombinant protein
Product Synonym Gene Name	TUBB8
Sequence	MREIVLTQIG QCGNQIGAKF WEVISDEHAI NSAGTYHGDS HLQLERINVY YNEASGGRYV PRAVLVDLEP GTMDSVRSGP FGQVFRPDNF IFGQCGAGNN WAKGHYTEGA ELMESVMDVV RKEAESCDCL QGFQLTHSLG GGTGSGMGTL LLSKIREEYP DRIINTFSIL PSPKVSDTVV EPYNATLSVH QLIENADETF CIDNEALYDI CSKTLKLPTP TYGDLNHLVC ATMSGVTTCL RFPGQLNADL RKLAVNMVPF PRLHFFMPGF APLTSRGSQQ YRALTVAELT QQMFDAKNMM AACDPRHGRY LTAAAIFRGR MPMREVDEQM FNIQDKNSSY FADWLPNNVK TAVCDIPPRG LKMSATFIGN NTAIQELFKR VSEQFTAMFR RKAFLHWYTG EGMDEMEFTE AESNMNDLVS EYQQYQDATA EEEEDEEYAE EEVA
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	49,791 Da
Sequence Positions	1-444, 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 Q8WP14
Species	Pan troglodytes (Chimpanzee)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TUBB8 recombinant protein	MBS1387165 is a recombinant protein targeting TUBB8. Also known as Recombinant Pan troglodytes Tubulin beta-8 chain (TUBB8). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of TUBB8 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 TUBB8. It may not necessarily be applicable to this product.

NCBI GI #	38258621
NCBI GeneID	739035
NCBI Accession #	Q8WP14.1
UniProt Primary Accession #	Q8WP14

UniProt Related Accession #	Q8WP14
NCBI Official Full Name	Tubulin beta-8 chain
NCBI Official Synonym Full Names	tubulin beta 8 class VIII
NCBI Official Symbol	TUBB8
NCBI Official Synonym Symbols	TUBB4Q
UniProt Protein Name	Tubulin beta-8 chain
Protein Family	Tubulin
UniProt Gene Name	TUBB8
NCBI Protein Information	LOW QUALITY PROTEIN: tubulin beta-8 chain
UniProt Comments for TUBB8	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 (). Has a key role in meiotic spindle assembly and oocyte maturation ().
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