Tubulin Beta Chain (TUB2) Encephalitozoon Intestinalis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Tubulin beta chain (TUB2), Recombinant Protein
Full Product Name	Recombinant Encephalitozoon intestinalis Tubulin beta chain (TUB2)
Product Gene Name	TUB2 recombinant protein
Product Synonym Gene Name	TUB2
Sequence	MREIIHLQTG QCGNQVGCKF WETISGEHGI DQSGRYVGTS DNQLERVNVY YNEASSKKYV PRAVLIDLEP GTMDAVRQGP FGELFRPDNF VFGQSGAGNN WAKGHYTEGA ELIDSVMDVV RKEAESSDCL QGFQITHSLG GGTGAGMGTL LLSKIREDFP DRMICTFSVV PSPKVSDTVV EPYNATLSIH QLVENADETF CIDNEALYDM CFRTLKLNNP GYGDLNHLVS LVMSGVTTCL RFPGQLNAYL RKLAVNMIPF PRLHFFVVGF APLTAVGTQK FKTYSVSELT QQMFDSKNMM TACDPKKGRY LTVAAMFRGK ISMKDVDEQM SMVQSKNSSL FVEWIPSNVK TAVCDIAPTG LEMSATFVGN TTSIQELFKR ISDQFTVMFR RKAFLHWYTG EGMDEMEFSE AESNMNDLLS EYQQYQDATV EDAEEFLVN
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	49,080 Da
Sequence Positions	1-439, 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 Q9GSR5
Species	Encephalitozoon intestinalis (Microsporidian parasite)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TUB2 recombinant protein	MBS1486685 is a recombinant protein targeting TUB2. Also known as Recombinant Encephalitozoon intestinalis Tubulin beta chain (TUB2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of TUB2 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 TUB2. It may not necessarily be applicable to this product.

NCBI GI #	74664972
NCBI Accession #	Q9GSR5.1
UniProt Primary Accession #	Q9GSR5
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	TUB2
UniProt Comments for TUB2	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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