Tubulin Alpha-13 Chain (TUBA13) Naegleria Gruberi Recombinant Protein

PRODUCT OVERVIEW

Product Name	Tubulin alpha-13 chain (TUBA13), Recombinant Protein
Full Product Name	Recombinant Naegleria gruberi Tubulin alpha-13 chain (TUBA13)
Product Gene Name	TUBA13 recombinant protein
Product Synonym Gene Name	TUBA13
Sequence	MREVISIHIG QAGVQVGNAC WELYCLEHGI QPDGLMPSSK TIGVEDDAFN TFFSETGAGK HVPRAVFLDL EPTVVDEVRT GTYRQLFHPE QLITGKEDAA NNYARGHYTI GKEIVDLCLD RIRKLADNCT GLQGFLVFSS VGGGTGSGLG ALLLERLSVD YGKKSKLGFT VYPSPQVATA VVEPYNSVLS THALLEHTDV AVMLDNEAIY DICRRSLDIQ RPTYTNLNRL IAQVISSLTA SLRFDGALNV DVTEFQTNLV PYPRIHFMLC SYAPVISAEK AYHEQLSVAE ITNSAFEPAS MMAKCDPRHG KYMACCLMYR GDVVPKDVNA AVATIKTKRT IQFVDWSPTG FKCGINYQPP TVVPGGDLAK VQRAVCMISN STAIAEVFSR IDHKFDLMYA KRAFVHWYVG EGMEEGEFSE AREDLAALEK DYEEVGTESQ EGDGEEGEDG GDQ
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	49,813 Da
Sequence Positions	1-453, 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 Q25563
Species	Naegleria gruberi (Amoeba)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TUBA13 recombinant protein	MBS1282558 is a recombinant protein targeting TUBA13. Also known as Recombinant Naegleria gruberi Tubulin alpha-13 chain (TUBA13). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of TUBA13 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 TUBA13. It may not necessarily be applicable to this product.

NCBI GI #	41018256
NCBI Accession #	Q25563.1
UniProt Primary Accession #	Q25563

NCBI Official Full Name	Tubulin alpha-13 chain
UniProt Protein Name	Tubulin alpha-13 chain
Protein Family	Tubulin
UniProt Gene Name	TUBA13
UniProt Comments for TUBA13	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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