

Tubulin beta chain (TUBB), Recombinant Protein

Cat *RP18503*

Size 0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 0.1 mg
(Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg
Species (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-
Glycine max (Soybean) (Glycine hispida)
Cell)

Full Product Name

Recombinant Glycine max Tubulin beta chain (TUBB)

Product Gene Name

TUBB recombinant protein

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Sequence

MREILHIQGG QCGNQIGAKF WEVICDEHGI DHTGKYSGDS ELQLERINVY YNEASGGRYV PRAVLMDLEP
GTMDSVRS GP YGQIFRPDNF VFGQSGAGNN WAKGHYTEGA ELIDSVLDVV RKEAENDCL QGFQVCHSLG
GGTGSGMGTL LISKIREEYP DRMMLTFSVF PSPKVS DTVV EPYNATLSVH QLVENADECM VLDNEALYDI
CFRTLKLATP TFGDLNHLIS ATMSGVTCC L RFPGQLNSDL RKLAVNLIPF PRLHFFMVGF APLTSRGSQQ
YRALTVPELT QQMWDAKNMM CAADPRHG RY LTASAMFRGK MSTKEVDEQM INVQKNSSY FVEWIPNNVK
SSVCDIPPKG LKMASTFIGN STSIQEMFRR VSEQFTAMFR RKAFLHWYTG EGMDEMEF

Sequence Positions

1-408, Full length protein

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

45,751 Da

Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week.
Repeated freezing and thawing is not recommended.

Protein Family

Tubulin

NCBI Accession

P28551.2

NCBI GI

1351202

NCBI GeneID

547917

NCBI Official Full Name

Tubulin beta chain

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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(Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg
(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-
Cell)

NCBI Official Symbol

TUBB

NCBI Protein Information

tubulin beta chain

UniProt Gene Name

TUBB

UniProt Protein Name

Tubulin beta chain

UniProt Synonym Protein Names

Beta-tubulin

UniProt Primary Accession

P28551

UniProt Related Accession

P28551

UniProt Comments

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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