

Tubulin beta-2A chain Recombinant Protein | TUBB2A recombinant protein

Recombinant Human Tubulin beta-2A chain

CATALOG # AAA114263	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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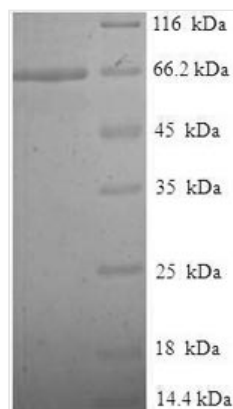
PRODUCT SYNONYMS

Tubulin beta-2A chain; Recombinant Human Tubulin beta-2A chain; Tubulin beta class IIa; TUBB2A recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-445aa; Full Length
Sequence	MREIVHIQAG QCGNQIGAKF WEVISDEHGI DPTGSYHGDS DLQLERINVY YNEAAGNKYV PRAILVDLEP GTMDSVRSGP FGQIFRPDNF VFGQSGAGNN WAKGHYTEGA ELVDSVLDVV RKESESCDCL QGFQLTHSLG GGTGSGMGTL LISKIREEYP DRIMNTFSVM PSPKVSDTVV EPYNATLSVH QLVENTDETY SIDNEALYDI CFRTLKLTTP TYGDLNHLVS ATMSGVTTCL RFPGQLNADL RKLAVNMVPF PRLHFFMPGF APLTSRGSQQ YRALTVPELT QQMFDSKNMM AACDPRHGRY LTVAIFRGR MSMKEVDEQM LNVQKNSSY FVEWIPNNVK TAVCDIPPRG LKMSATFIGN STAIQELFKR ISEQFTAMFR RKAFLHWYTG EGMDEMEFTE AESNMNDLVS EYQQYQDATA DEQGEFEEEE GEDEA
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for TUBB2A recombinant protein	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.
Product Categories/Family for TUBB2A recombinant protein	Signal Transduction

References	Cloning and vaccinia virus expression of a cDNA containing the complete coding sequence of human beta tubulin mRNA.Leffers H., Wiemann S., Ansorge W. Class II beta tubulin sequence from MCF7 breast cancer cells.Banerjee A. De novo mutations in the beta-tubulin gene TUBB2A cause simplified gyral patterning and infantile-onset epilepsy.Cushion T.D., Paciorkowski A.R., Pilz D.T., Mullins J.G., Seltzer L.E., Marion R.W., Tuttle E., Ghoneim D., Christian S.L., Chung S.K., Rees M.I., Dobyns W.B.Am. J. Hum. Genet. 94:634-641(2014)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507729
NCBI GeneID	7280
NCBI Accession #	NP_001060.1
NCBI GenBank Nucleotide #	NM_001069.2
UniProt Accession #	Q13885; Q6FGZ8; Q8IWR2
Molecular Weight	51.9 kDa
NCBI Official Full Name	tubulin beta-2A chain isoform 1
NCBI Official Synonym Full Names	tubulin beta 2A class IIa
NCBI Official Symbol	TUBB2A
NCBI Official Synonym Symbols	TUBB; TUBB2; CDCBM5
NCBI Protein Information	tubulin beta-2A chain
UniProt Protein Name	Tubulin beta-2A chain
UniProt Gene Name	TUBB2A
UniProt Synonym Gene Names	TUBB2
UniProt Entry Name	TBB2A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.