



# Recombinant *Volvox carteri* Tubulin beta chain (TUBB1)

<b>Product Code</b>	CSB-MP025318VDT
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P11482
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Volvox carteri</i> (Green alga)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MREIVHIQGG QCGNQIGAKF WEVVSDEHGI DPTGTYHGDS DLQLERINVY FNEATGGRYV PRAILMDLEP GTMDSVRS GP YGQIFRPDNF VFGQTGAGNN WAKGHYTEGA ELIDSVLDVV RKEAESCDCL QGFQVCHSLG GGTGSGMGTL LISKIREEYP DRMMLTFSVV PSPKVS DTVV EPYNATLSVH QLVENADECM VLDNEALYDI CFRTLKLTTP TFGDLNHLIS AVMSGITCCL RFPGQLNADL RKLAVNLIPF PRLHFFMVGF TPLTSRGSQQ YRALTVP ELT QQMWD AKNMM CAADPRHGRY LTASALFRGR MSTKEVDEQM LNVQNKNSSY FVEWIPNNVK SSVCDIPPKG LKMSATFIGN STAIQEMFKR VSEQFTAMFR RKAFLHWYTG EGMDEMEFTE AESNMNDLVS EYQQYQDASA EEEGEFEGEE EEN
<b>Source</b>	Mammalian cell
<b>Target Names</b>	TUBB1
<b>Protein Names</b>	Recommended name: Tubulin beta chain Alternative name(s): Beta-tubulin
<b>Expression Region</b>	1-443
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.