



# Recombinant Human Tubulin beta-4A chain (TUBB4A)

|                          |  |
|--------------------------|--|
| <b>Product Code</b>      | CSB-EP025324HU-B   |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.  |
| <b>Uniprot No.</b>       | P04350   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Homo sapiens (Human)   |
| <b>Purity</b>            | ≥85% (SDS-PAGE)  |
| <b>Sequence</b>          | MREIVHLQAG QCGNQIGAKF WEVISDEHGI DPTGTYHGDS DLQLERINVY<br>YNEATGGNYV PRAVLVDLEP GTMDSVRS GP FGQIFRPDNF VFGQSGAGNN<br>WAKGHYTEGA ELVDAVLVV RKEAESCDCL QGFQLTHSLG<br>GGTSGMGTL LISKIREEFP DRIMNTFSVV PSPKVS DTVV EPYNATLSVH<br>QLVENTDETY CIDNEALYDI CFRTLKLTTP TYGDLNHLVS ATMSGVTTCL<br>RFPGQLNADL RKLAVNMV PF PRLHFFMPGF APLTSRGSQQ YRALTVPELT<br>QQMFDKNNM AACDPRHGRY LTVAAVFRGR MSMKEVDEQM<br>LSVQSKNSSY FVEWIPNNVK TAVCDIPPRG LKMAATFIGN STAIQELFKR<br>ISEQFTAMFR RKAFLHWYTG EGMDEMEFTE AESNMNDLVS EYQQYQDATA<br>EEGEFEEEEAE EEVA |
| <b>Source</b>            | E.coli   |
| <b>Target Names</b>      | TUBB4A   |
| <b>Protein Names</b>     | Recommended name: Tubulin beta-4A chain Alternative name(s): Tubulin 5<br>beta Tubulin beta-4 chain  |
| <b>Expression Region</b> | 1-444  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at<br>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<br>contents to the bottom. Please reconstitute protein in deionized sterile water to a<br>concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final<br>concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final<br>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,<br>storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life<br>of lyophilized form is 12 months at -20°C/-80°C.   |