



Recombinant Zea mays Tubulin alpha-1 chain (TUBA1)

Product Code	CSB-YP320402ZAX
Storage	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.
Uniprot No.	P14640
Product Type	Recombinant Protein
Immunogen Species	Zea mays (Maize)
Purity	>85% (SDS-PAGE)
Sequence	MRECISIHIG QAGIQVGNAC WELYCLEHGI QADGQMPGDK TIGGGDDAFN TFFSETGAGK HVPRAVFDL EPTVIDEVRT GTYRQLFHPE QLISGKEDAA NNFARGHYTI GKEIVDLCLD RIRKLADNCT GLQGFLVFNA VGGGTGSGLG SLLLERLSVD YGKKSCLGFT VYPSPQVSTS VVEPYNSVLS THSLEHTDV AILLDNEAIY DICRRSLDIE RPTYTNLNLRL VSQVISSLTA SLRFDGALNV DVNEFQTNLV PYPRIHFMLS SYAPVISA EK AYHEQLSVAE ITNSAFEPSS MMAKCDPRHG KYMACCLMYR GDVVPKDVNA AVATIKTKRT IQFVDWCPTG FKCGINYQPP SVVPGGDLAK VQRAVCMISN STSVVEVFSR IDHKFDLMYA KRAVHWYVG EGMEEGEFSE AREDLALEK DYEEVGAEFD EGEDGDEGDE Y
Source	Yeast
Target Names	TUBA1
Protein Names	Recommended name: Tubulin alpha-1 chain Alternative name(s): Alpha-1-tubulin
Expression Region	1-451
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	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.
Shelf Life	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.