



Recombinant Mouse Tubulin-specific chaperone A (Tbca)

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| Product Code | CSB-BP023225MO |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | P48428 |
| Product Type | Recombinant Protein |
| Immunogen Species | Mus musculus (Mouse) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | ADPRVRQIKIKTGVVRRLLVKERVMYEKEAKQQEIEKMKAEEDGENYAIKKQA EILQESR MMIPDCQRRLEAAAYTDLQQILESEKDLLEEAEYKEARVVLDSVKLEA |
| Source | Baculovirus |
| Target Names | Tbca |
| Protein Names | Recommended name: Tubulin-specific chaperone A Alternative name(s): TCP1-chaperonin cofactor A Tubulin-folding cofactor A Short name= CFA |
| Expression Region | 2-108 |
| 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 of Mature Protein |
| Target Details | The product of this gene is one of four proteins (cofactors A, D, E, and C) involved in the pathway leading to correctly folded beta-tubulin from folding intermediates. Cofactors A and D are believed to play a role in capturing and stabilizing beta-tubulin intermediates in a quasi-native confirmation. Cofactor E binds to the cofactor D/beta-tubulin complex; interaction with cofactor C then causes the release of beta-tubulin polypeptides that are committed to the native state. This gene encodes chaperonin cofactor A. |
| 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. |