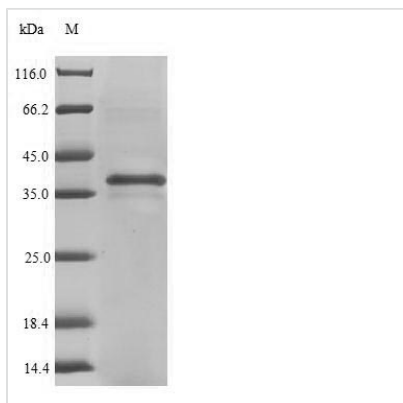




# Recombinant Mouse Beta-tectorin (Tectb)

<b>Product Code</b>	CSB-CF023371MO
<b>Relevance</b>	One of the major non-collagenous components of the tectorial membrane (By similarity). The tectorial membrane is an extracellular matrix of the inner ear that covers the neuroepithelium of the cochlea and contacts the stereocilia bundles of specialized sensory hair cells. Sound induces movement of these hair cells relative to the tectorial membrane, deflects the stereocilia and leads to fluctuations in hair-cell membrane potential, transducing sound into electrical signals.
<b>Abbreviation</b>	Recombinant Mouse Tectb protein
<b>Storage</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.
<b>Uniprot No.</b>	O08524
<b>Product Type</b>	Transmembrane Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	≥ 90% as determined by SDS-PAGE.
<b>Sequence</b>	KSCTPNKADVILVFCYPKTIITKIPECPYGWEVHQLALGGLCYNGVHEGGYYQF VIPDLSPKNKSYCGTQSEYKPPYHFYSHIVSNDSTVIVKNQPVNYSFSCITYHS TYLVNQAAFDQRVATVHVKNKSMGTFESQLSLNFYTNAKFSTKKEAPFVLETS EIGSDLFAGVEAKGLSVRFKVVNLNSCWATPSADFMYPQLQWQLINKGCPTDET LVHENGKDHRATFQFNAFRFQNIPLKSKVWLHCETFICDSEKLSCPVNCDKRR RMLRDQTGGVLVVELSLRSRA
<b>Research Area</b>	others
<b>Source</b>	in vitro E.coli expression system
<b>Target Names</b>	Tectb
<b>Expression Region</b>	18-305aa
<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>	N-terminal 6xHis-tagged
<b>Mol. Weight</b>	36.5kDa
<b>Protein Length</b>	Full Length of Mature Protein
<b>Image</b>	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

### 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

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