



# Recombinant Human Tropomodulin-2 (TMOD2)

<b>Product Code</b>	CSB-MP882161HU
<b>Abbreviation</b>	TMOD2
<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>	Q9NZR1
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MALPFQKELE KYKNIDEDEL LGKLSEEEKL QLENVLDDLD PESAMLPAGF RQKDQTQKAA TGPFDREHLL MYLEKEALEQ KDREDFVPFT GEKKGRVFIP KEKPIETRKE EKVTLDP ELE EALASASDTE LYDLAAVLGV HNLLNPNKFD EETANNKGGK GPVRNVVKGE KVKPVFEPP NPTNVEISLQ QMKANDPSLQ EVNLNNIKNI PIPTLREFAK ALETNTHVKK FSLAATRSND PVAIAFADML KVNKTLTSLN IESNFITGTG ILALVEALKE NDTLTEIKID NQRQQLGTA V EMEIAQM LEE NSRILKFGYQ FTKQGP RTRV AAAITKNNDL VRKKRVEADR R
<b>Source</b>	Mammalian cell
<b>Target Names</b>	TMOD2
<b>Protein Names</b>	Recommended name: Tropomodulin-2 Alternative name(s): Neuronal tropomodulin Short name= N-Tmod
<b>Expression Region</b>	1-351
<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>Target Details</b>	This gene encodes a neuronal-specific member of the tropomodulin family of actin-regulatory proteins. The encoded protein caps the pointed end of actin filaments preventing both elongation and depolymerization. The capping activity of this protein is dependent on its association with tropomyosin. Alternatively spliced transcript variants encoding different isoforms have been described.
<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.



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