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Datasheet for ABIN7561638

TMOD2 Protein (AA 1-351) (His tag)

Overview

Quantity:	1 mg
Target:	TMOD2
Protein Characteristics:	AA 1-351
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TMOD2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Tmod2 Protein expressed in mammalian cells.
Sequence:	MALPFQKGLE KYKNIDEDEL LGKLSEELK QLENVLDDLD PESATLPAGF RQKDQTQKAA TGPFDREHLL MYLEKEALEQ KDREDFVPFT GEKKGRVFIP KEKPVETRKE EKVTLDPELE EALASASDTE LYDLAAVLGV HNLLNNPKFD EETTNGEGRK GPVRNVVKGE KAKPVFEPPP NPTNVEASLQ QMKANDPSLQ EVNLNNIKNI PIPTLKEFAK SLETNTHVKK FSLAATRSND PVALAFAEML KVNKTLKSLN VESNFITGTG ILALVEALRE NDTLTEIKID NQRQQLGTAV EMEIAQMLEE NSRILKFGYQ FTKQGPRTV AAAITKNNDL VRKKRVEGDR R Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	TMOD2
Alternative Name:	Tmod2 (TMOD2 Products)
Background:	Tropomodulin-2 (Neuronal tropomodulin) (N-Tmod),FUNCTION: Blocks the elongation and depolymerization of the actin filaments at the pointed end. The Tmod/TM complex contributes to the formation of the short actin protofilament, which in turn defines the geometry of the membrane skeleton (By similarity). {ECO:0000250}.
Molecular Weight:	39.5 kDa
UniProt:	Q9JKK7
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months