Datasheet for ABIN7591697

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

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## Overview

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|---|---|
| Quantity: | 100 µg |
| Target: | TMOD2 |
| Protein Characteristics: | AA 1-351 |
| Origin: | Rat |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This TMOD2 protein is labelled with His tag. |
| Application: | ELISA |

## Product Details

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| Sequence: | MALPFQKGLE KYKNIDEDEL LGKLSEEELK QLENVLDDLD PESATLPAGF RQKDQTQKAA TGPFDREHLL MYLEKEALEQ KDREDFVPFT GEKKGRVFIP KEKPVETRKE EKVTLDPELE EALASASDTE LYDLAAVLGV HNLLNNPKFD EETTNGQGRK GPVRNVVKGE KAKPVFEEPP NPTNVEASLQ QMKANDPSLQ EVNLNNIKNI PIPTLKEFAK ALETNTHVRK FSLAATRSND PVALAFAEML KVNKTLKSLN VESNFITGAG ILALVEALRE NDTLTEIKID NQRQQLGTAV EMEIAQMLEE NSRILKFGYQ FTKQGPRTRV AAAITKNNDL VRKKRVEGDR R |
| Specificity: | Rattus norvegicus (Rat) |
| Characteristics: | Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time. |
| Purity: | > 90 % |

## Target Details

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| Target: | TMOD2 |
| Alternative Name: | Tropomodulin-2 (Tmod2) (TMOD2 Products) |
| Background: | Recommended name: Tropomodulin-2.<br>Alternative name(s): Neuronal tropomodulin.<br>Short name= N-Tmod |
| UniProt: | P70566 |
| Pathways: | Regulation of G-Protein Coupled Receptor Protein Signaling |

## Application Details

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| Comment: | The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies. |
| Restrictions: | For Research Use only |

## Handling

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| Format: | Lyophilized |
| Concentration: | 0.2-2 mg/mL |
| Buffer: | Tris-based buffer, 50 % glycerol |
| Handling Advice: | Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. For extended storage, conserve at -20°C or -80°C |