

## Recombinant Rat Tmod2 protein

**Cat. No.** Tmod2-5188R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat Tmod2 protein(P70566)(1-351 aa) was expressed in Baculovirus.                                                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | Baculovirus                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | 1-351 aa                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Form</b>             | Tris/PBS-based buffer, 6% Trehalose.                                                                                                                                                                                                                                                                                                                                                            |
| <b>AASequence</b>       | MALPFQKGLEKYKNIDEDELLGKLSEEEELKQLENVLDDLDPESATLPAGFRQKDQTQ<br>KAA TGPFDREHLLMYLEKEALEQKDREDFVPFTGEKKGRVFIPKEKPVETRKEEKV<br>TLDPELE EALASASDTELYDLAAVLGVHNNLLNPNKFDEETTNGQGRKGPVRNVVKG<br>EKAKPVFEEPP NPTNVEASLQQMKANDPSLQEVNLLNNIKNIPIPTLKEFAKALETNTH<br>VRKFSLAATRSND PVALAFAEMLKVNTLKS LNVESNFITGAGILALVEALRENDTLT<br>EIKIDNQRQQLGTAV EMEIAQMLEENSRILKFGYQFTKQGPRTRVAAAITKNNDLVR<br>KKRVEGDRR |
| <b>Purity</b>           | >85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                  |
| <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                                                                                                                                                                                                                            |

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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.

## GENE INFORMATION

|                 |                                                                       |
|-----------------|-----------------------------------------------------------------------|
| Gene Name       | Tmod2 tropomodulin 2 [ Rattus norvegicus ]                            |
| Official Symbol | Tmod2                                                                 |
| Synonyms        | TMOD2; tropomodulin 2; tropomodulin-2; N-Tmod; neuronal tropomodulin; |
| Gene ID         | 58814                                                                 |
| mRNA Refseq     | NM_031613                                                             |
| Protein Refseq  | NP_113801                                                             |

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