

## Tropomodulin 3 Human Recombinant

<b>Item Number</b>	rAP-3817
<b>Synonyms</b>	Tropomodulin-3, Ubiquitous tropomodulin, U-Tmod, TMOD3, UTMOD.
<b>Description</b>	TMOD3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 376 amino acids (1-352 a.a) and having a molecular mass of 42kDa. TMOD3 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	Q9NYL9
<b>Amino Acid Sequence</b>	MGSSHHHHH SSGLVPRGSH MGSHPALPFR KDLEKYKDL D EDELLGNLSE TELKQLETVL DDLDPENALL PAGFRQKNQT SKSTTGPFDR EHLLSYLEKE ALEHKDREDE VPYTGEKKGK IFIPKQKPVQ TFTEEKVSLD PELEEAL TSA SDELCDLAA ILGMHNLITN TKFCNIMGSS NGVDQEHFSN VVKGEKILPV FDEPPNPTNV EESLKRKTEN DAHLVEVNLN NIKNIPIPTL KDFAKALETN THVKCFSLAA TRSNDPVATA FAEMLKVNKT LKSLNVE SNF ITGVGILALI DALRDNETLA ELKIDNQRQQ LGTAVELEMA KMLEENTNIL KFGYQFTQQG PRTRAANAIT KNNDLVRKRR VEGDHQ.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	TMOD3 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 10% glycerol. Greater than 80.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**