9051 Mira Mesa Blvd, #910094
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Tel: 760-390-3989

TMOD3 Human

Tropomodulin 3 Human Recombinant
RCP2393

Product Overview

Name	TMOD3 Human
Description	
Tropomodulin 3 Human Recombinant	
Accession (Primary)	Q9NYL9
Synonyms	
Tropomodulin-3, Ubiquitous tropomodulin, U-Tmod, TMOD3, UTMOD.	
Introduction	
Tropomodulin 3 (TMOD3) is a member of the tropomodulin family. TMOD3 prevents the elongation and depolymerization of the actin filaments at the pointed end. Actin cytoskeleton regulation by filament capping proteins is essential to many dynamic cellular functions. TMOD3 functions as a negative regulator of cell migration; nevertheless the processes behind its cellular functions are unknown. The Tmod/TM complex influences the formation of the short actin protofilament, which sequentially outlines the geometry of the membrane skeleton.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
TMOD3 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 80.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSH MALPFR KDLEKYKDLD EDELLGNLSE TELKQLETVL DDLDPENALL PAGFRQKNQT SKSTTGPFDR EHLLSYLEKE ALEHKDREDY VPYTGEKKGK IFIPKQKPVQ TFTEEKVSLD PELEEALTSA SDTELCDLAA ILGMHNLITN TKFCNIMGSS NGVDQEHFSN VVKGEKILPV FDEPPNPTNV EESLKRTKEN DAHLVEVNLN NIKNIPIPTL KDFAKALETN THVKCFSLAA TRSNDPVATA FAEMLKVNKT	

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LKSLNVESNF ITGVGILALI DALRDNETLA ELKIDNQRQQ LGTAVELEMA KMLEENTNIL KFGYQFTQQG PRTRAANAIT KNNDLVRKRR VEGDHQ.

Precautions

TMOD3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9NYL9)