

Product datasheet for **TP322492M**

tenomodulin (TNMD) (NM_022144) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human tenomodulin (TNMD), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC222492 representing NM_022144 Red =Cloning site Green =Tags(s)
	<p>MAKNPPENCEDCHILNAEAFKSKICKSLKICGLVFGILTTLIVLFWGSKHFWPEVPPKAYDMEHTFYS SGEKKKIYMEIDPVTRTEIFRSGNGTDETLEVHDFKNGYTGIFYVGLQKCFIKTQIKVIPEFSEPEEID ENEIITTTFFEQSVIWWVPAEKPIENRDFLKNKILEICDNVTMYWINPTLISVSELQDFEEEGEDLHFPA NEKKGIEQNEQWVVPQVKVEKTRHARQASEEELPINDYTENGIEFDPMLDERGYCCICYCRRGNRYCRRVC EPLLGYPPYCYQGGRVICRVIMPCNWWVARMLGRV</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	37 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_071427</u>
Locus ID:	64102



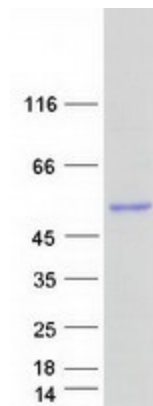
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UniProt ID: [Q9H2S6](#)
RefSeq Size: 1309
Cytogenetics: Xq22.1
RefSeq ORF: 951
Synonyms: BRICD4; CHM1L; TEM

Summary: This gene encodes a protein that is related to chondromodulin-I, which is a cartilage-specific glycoprotein that functions to stimulate chondrocyte growth and to inhibit tube formation of endothelial cells. This protein is also an angiogenesis inhibitor. Genetic variation in this gene is associated with a risk for type 2 diabetes, central obesity and serum levels of systemic immune mediators in a body size-dependent manner. This gene is also a candidate gene for age-related macular degeneration, though a direct link has yet to be demonstrated. [provided by RefSeq, Sep 2009]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified TNMD protein (Cat# [TP322492]). The protein was produced from HEK293T cells transfected with TNMD cDNA clone (Cat# [RC222492]) using MegaTran 2.0 (Cat# [TT210002]).