

Product datasheet for **TP701099**

Tenascin N (TNN) (NM_022093) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human tenascin N (TNN), Glu29-End, with C-terminal His tag, secretory expressed in HEK293 cells, 50 ug
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	A DNA sequence from TrueORF clone, RC214108, encoding the region Glu29-End of TNN
Tag:	C-HIS
Predicted MW:	142.3kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	PBS, pH 7.4, 10% glycerol
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:	NP_071376
Locus ID:	63923
UniProt ID:	Q9UQP3 , B3KXB6
RefSeq Size:	5008
Cytogenetics:	1q25.1
RefSeq ORF:	3897
Synonyms:	TN-W; TNW



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Summary:

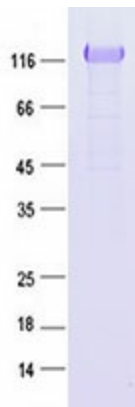
Extracellular matrix protein that seems to be a ligand for ITGA8:ITGB1, ITGAV:ITGB1 and ITGA4:ITGB1 (By similarity) (PubMed:17909022). Involved in neurite outgrowth and cell migration in hippocampal explants (By similarity). During endochondral bone formation, inhibits proliferation and differentiation of proteoblasts mediated by canonical WNT signaling (By similarity). In tumors, stimulates angiogenesis by elongation, migration and sprouting of endothelial cells (PubMed:19884327). Expressed in most mammary tumors, may facilitate tumorigenesis by supporting the migratory behavior of breast cancer cells (PubMed:17909022).[UniProtKB/Swiss-Prot Function]

Protein Families:

Druggable Genome

Protein Pathways:

ECM-receptor interaction, Focal adhesion

Product images:

Purified recombinant protein TNN was analyzed by SDS-PAGE gel and Coomossie Blue Staining.