

## TENM2 Protein, Human (HEK293, His)

Cat. No.:	HY-P701072
Synonyms:	Teneurin-2; Ten-2; Tenascin-M2; Ten-m2; KIAA1127; ODZ2; TNM2
Species:	Human
Source:	HEK293
Accession:	Q9NT68-1 (G401-N841)
Gene ID:	/
Molecular Weight:	53-63 kDa

### PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.22µm filtered solution of PBS, 2mM DTT, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

### DESCRIPTION

Background	TENM2 protein plays a crucial role in neural development by regulating the establishment of precise connectivity within the nervous system. It facilitates the formation of filopodia and enlarged growth cones in neuronal cells, highlighting its involvement in the intricate processes of neurite outgrowth. Additionally, TENM2 acts as a mediator of homophilic cell-cell adhesion, contributing to cell interactions during neural development. Functioning as a ligand for the ADGRL1 receptor, it further participates in axon guidance and heterophilic cell-cell adhesion, emphasizing its multifaceted role as a cellular signal transducer.
------------	--

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA