

Product datasheet for TP322285M

TCN1 (NM_001062) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human transcobalamin I (vitamin B12 binding protein, R binder family) (TCN1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC222285 representing NM_001062 Red =Cloning site Green =Tags(s)
	<p>MRQSHQLPLVGLLLFSFIPSQLCEICEVSEENYIRLKPLLNTMIQSNYNRGTSAVNVVLSLKLVGIIQIT LMQKMIQQIKYNVKSRLSDVSSGELALIILALGVCRNAEENLIYDYHLIDKLENKFQAEIENMEAHNGTP LTNYYQLSLDVLALCLFNGNYSTAEVNHFTPENKNYYFGSQFSVDTGAMAVLALTCVKKSLINGQIKAD EGSLKNISYTKSLVEKILSEKKENGLIGNTFSTGEAMQALFVSSDYNNENDWNCQQLNTVLTEISQGA FSNPNAQAQVLPALMGKTFDINKDSSCVSASGNFNISADEPITVTPPDSQSYISVNYSVRINETYFTNV TVLNGSVFLSVMKAQKMNDTIFGFTMEERSWGPYITCIQGLCANNDRTYWELLSGGEPLSQGAGSYVW RNG</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	45.5 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.



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RefSeq: [NP_001053](#)

Locus ID: 6947

UniProt ID: [P20061](#)

RefSeq Size: 1576

Cytogenetics: 11q12.1

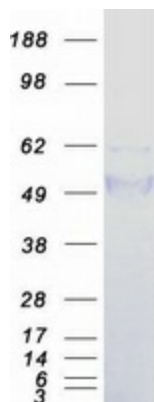
RefSeq ORF: 1269

Synonyms: HC; TC-1; TC1; TCI

Summary: This gene encodes a member of the vitamin B12-binding protein family. This family of proteins, alternatively referred to as R binders, is expressed in various tissues and secretions. This protein is a major constituent of secondary granules in neutrophils and facilitates the transport of cobalamin into cells. [provided by RefSeq, Jul 2008]

Protein Families: Secreted Protein

Product images:



Coomassie blue staining of purified TCN1 protein (Cat# [TP322285]). The protein was produced from HEK293T cells transfected with TCN1 cDNA clone (Cat# [RC222285]) using MegaTran 2.0 (Cat# [TT210002]).