

Recombinant Human TCN1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TCN1-632H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TCN1 MS Standard C13 and N15-labeled recombinant protein (NP_001053) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	46.9 kDa
AA Sequence	MRQSHQLPLVGLLLFSFIPSQLCEICEVSEENYIRLKPLLNTMIQSNYNRGTSAVNVV LSLKLVGIIQITLMQKMIQIKYNVKSRLSDVSSGELALIILALGVCRNAEENLIYDYHLI DKLENKFQAEIENMEAHNGTPLTNYYQLSLDVLALCLFNGNYSTAEVVNHFTPENKN YYFGSQFSVDTGAMAVLALTCVKKSLINGQIKADEGSLKNISIYTKSLVEKILSEKKEN GLIGNTFSTGEAMQALFVSSDYNNENDWNCQQLNTVLTEISQGAFSNPNAQAQVL PALMGKTFLDINKDSSCVSASGNFNISADEPITVTPPDSQSYISVNYSVRINETYFTNV TVLNGSVFLSVMEKAQKMNDTIFGFTMEERSWGPYITCIQGLCANNNDRTYWELLS GGEPLSQGAGSYVVRNGTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

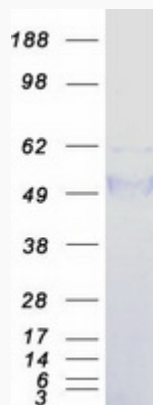
GENE INFORMATION

Gene Name	TCN1 transcobalamin 1 [Homo sapiens (human)]
Official Symbol	TCN1
Synonyms	TCN1; transcobalamin I (vitamin B12 binding protein, R binder family); transcobalamin-1; haptocorin; haptocorrin; TC1; TCI; TC-1;
Gene ID	6947
mRNA Refseq	NM_001062
Protein Refseq	NP_001053
MIM	189905
UniProt ID	P20061

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SDS-PAGE

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