

Recombinant Human TCN1

Cat. No. TCN1-27949TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to aa 1-424 Human TCN1 with N-terminal proprietary tag. Mol Wt 72.27 kDa inclusive of tag.
Species	Human
Source	Wheat Germ
ProteinLength	424 amino acids
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 Weight	72.270kDa inclusive of tags
Tissue specificity	Neutrophil granule protein.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw

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cycles.

Sequences of amino acids

MRQSHQLPLVGLLLFSFIPSQLCEICEVSEENYIRLKPLL NTMIQSNYNRGTSAVNVV
LSLKLVGIIQITLMQKMIQK YNVKSRLSDVSSGELALIILALGVCRNAEENLIYDYHL
ID KLENKFQAEIENMEAHNGTPLTNYYQLSLDVLALCLFNGN YSTAEVVNHFTPENK
NYYFGSQFSVDTGAMAVLALTCVKK SLINGQIKADEGSLKNISIYTKSLVEKILSEKKE
NGLIGN TFSTGEAMQALFVSSDYNNENDWNCRQTLNTVLTEISQGA FSNPNAAAQ
VLPALMGKTFDINKDSSCVPASGNFNISAD EPITVTPPDSQSYISVDYSVRINETYFT
NVAVLNGSVFLS VMEKAQKMNDTIFGFTMEERSWGPYITCIQGLCANNNDRT YWE
LLSGGEPLSQGAGSYVVRNG

Sequence Similarities

Belongs to the eukaryotic cobalamin transport proteins family.

GENE INFORMATION

Gene Name

TCN1 transcobalamin I (vitamin B12 binding protein, R binder family) [Homo sapiens]

Official Symbol

TCN1

Synonyms

TCN1; transcobalamin I (vitamin B12 binding protein, R binder family);
transcobalamin-1; haptocorin; haptocorrin; TC1; TCI;

Gene ID

6947

mRNA Refseq

NM_001062

Protein Refseq

NP_001053

MIM

189905

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Uniprot ID	P20061
Chromosome Location	11q11-q12
Function	cobalamin binding;

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