

Recombinant Human TCN2 protein, His-tagged

Cat. No. TCN2-429H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TCN2 protein(NP_000346.2) (Met 1-Trp 427) was expressed in CHO with a C-terminal polyhistidine tag.
Species	Human
Source	CHO
ProteinLength	1-427 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The secreted recombinant human TCN2 comprises 418 amino acids with a predicted molecular mass of 46.7 kDa. It migrates with the molecular weight of approximately 44 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

 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

GENE INFORMATION

Gene Name	TCN2 transcobalamin II [Homo sapiens]
Official Symbol	TCN2
Synonyms	TCN2; transcobalamin II; transcobalamin II; macrocytic anemia; transcobalamin-2; D22S676; D22S750; macrocytic anemia; TC2; vitamin B12-binding protein 2; II; TC; TC-2; TCII; TC II;
Gene ID	6948
mRNA Refseq	NM_000355
Protein Refseq	NP_000346
MIM	613441
UniProt ID	P20062

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