Recombinant Human TCN1 Protein, His-tagged

Cat. No. TCN1-569H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TCN1(Glu24~Tyr433) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Glu24~Tyr433
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.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	49.3kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 98%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.

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	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.

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; TC-1;
Gene ID	6947
mRNA Refseq	NM_001062
Protein Refseq	NP_001053
MIM	189905
UniProt ID	P20061

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