

## Active Recombinant Human TFRC protein, His-tagged

Cat. No. TFRC-3864H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Active Recombinant Human TFRC protein(P02786)(89-760 aa) is expressed from HEK293 with His tag at the N-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	89-760 aa
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Human Transferrin R, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human Transferrin, His Avi Tag with the EC50 of 14.3ng/ml determined by ELISA.
<b>Molecular Mass</b>	The protein has a predicted MW of 77.25 kDa. Due to glycosylation, the protein migrates to 78-90 kDa based on Bis-Tris PAGE result.
<b>Endotoxin</b>	Less than 0.1 EU per µg by the LAL method.
<b>Purity</b>	> 90% as determined by Bis-Tris PAGE > 95% as determined by HPLC
<b>Storage</b>	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

storage. Please minimize freeze-thaw cycles.

**Reconstitution** Dissolve the lyophilized protein in distilled water.

## GENE INFORMATION

**Gene Name** TFRC transferrin receptor (p90, CD71) [ Homo sapiens ]

**Official Symbol** TFRC

**Synonyms** TFRC; transferrin receptor (p90, CD71); transferrin receptor protein 1; CD71; TFR1; T9; TR; TFR; p90; TRFR;

**Gene ID** 7037

**mRNA Refseq** NM\_001128148

**Protein Refseq** NP\_001121620

**MIM** 190010

**UniProt ID** P02786

**SDS-PAGE**

**Activity**

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