

## Active Recombinant Human TFRC protein, His-tagged

Cat. No. TFRC-465H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Active Recombinant Human TFRC protein(P02786)(Cys89-Phe760) 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).
<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>	Store at -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 storage. Please minimize freeze-thaw cycles.

 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

<b>Reconstitution</b>	Dissolve the lyophilized protein in distilled water.
<b>protein Refseq-Weblink</b>	<a href="http://www.ncbi.nlm.nih.gov/protein/NP_001121620.1">http://www.ncbi.nlm.nih.gov/protein/NP_001121620.1</a>
<b>Unit ID</b>	P02786
<b>Unit ID-Weblink</b>	<a href="http://www.uniprot.org/uniprot/P02786">http://www.uniprot.org/uniprot/P02786</a>

## GENE INFORMATION

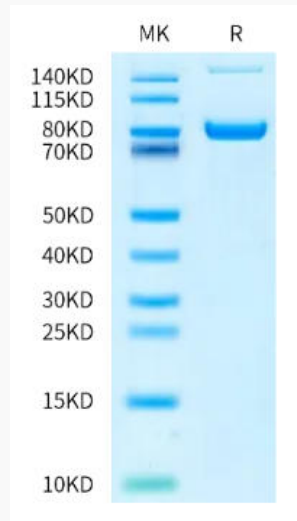
<b>Gene Name</b>	TFRC transferrin receptor (p90, CD71) [ Homo sapiens ]
<b>Official Symbol</b>	TFRC
<b>Synonyms</b>	TFRC; transferrin receptor (p90, CD71); transferrin receptor protein 1; CD71; TFR1; T9; TR; TFR; p90; TRFR;
<b>Gene ID</b>	7037
<b>mRNA Refseq</b>	NM_001128148
<b>protein Refseq</b>	NP_001121620
<b>MIM</b>	190010

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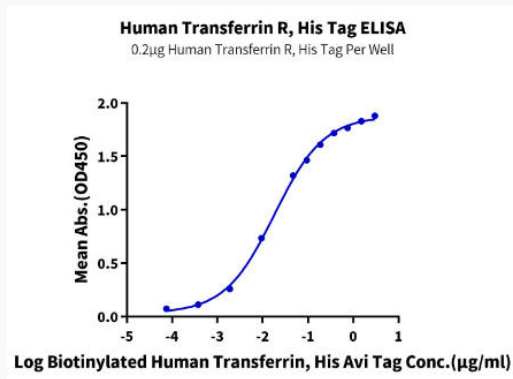
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**Bis-Tris PAGE**



**ELISA Data**



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