

Active Recombinant Human TFRC protein, His-tagged, Low Endotoxin

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

SPECIFICATION

Product Overview	Recombinant Human TFRC protein(P02786)(89-760 aa), fused with N-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	89-760 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	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.
Molecular Mass	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.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 90% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal 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

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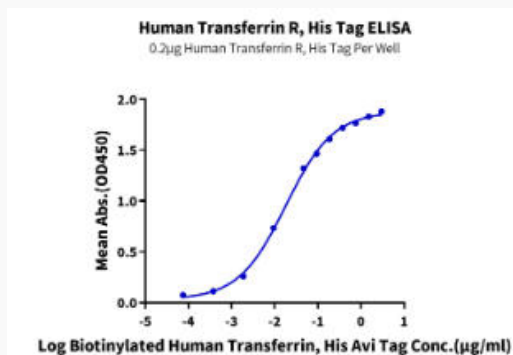
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Bis-Tris PAGE



ELISA Data



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