

## Recombinant Human TFRC protein, His-Avi-tagged

Cat. No. TFRC-2029H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TFRC protein(P02786)(Cys89-Phe760), fused with N-terminal His and Avi tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Cys89-Phe760
<b>Tag</b>	N-His-Avi
<b>Form</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Human Transferrin R, His Tag at 1µg/ml (100ul/well) on the plate. Dose response curve for Anti-Transferrin R Antibody, hFc Tag with the EC50 of 9.2ng/ml determined by ELISA.
<b>Molecular Mass</b>	The protein has a predicted MW of 77.9 kDa. Due to glycosylation, the protein migrates to 78-80 kDa based on Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC

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**Storage** Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

**Reconstitution** Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. 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

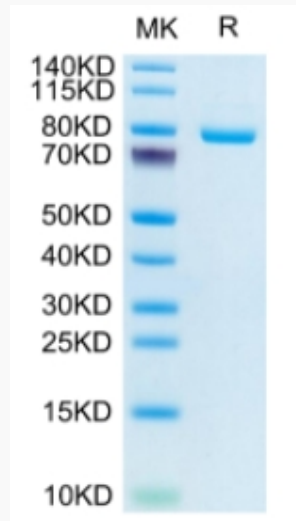
**UniProt ID** P02786

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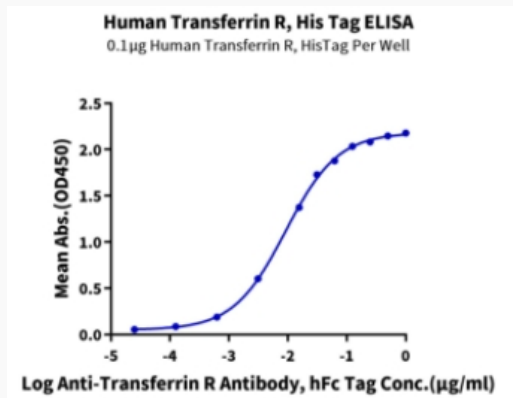
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**Tris-Bis PAGE**



**ELISA Data**



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