

## Recombinant Human TFRC protein, hFc-tagged

**Cat. No.** TFRC-0783H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TFRC protein(P02786-1)(Cys89-Phe760), fused with C-terminal hFc tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Cys89-Phe760
<b>Tag</b>	C-hFc
<b>Form</b>	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
<b>Bio-activity</b>	Immobilized Human Transferrin R, hFc Tag at 2ug/ml (100ul/well) on the plate. Dose response curve for Biotinylated Anti-Transferrin R Antibody, hFc Tag with the EC50 of 26.3ng/ml determined by ELISA (QC Test).
<b>Molecular Mass</b>	The protein has a predicted MW of 101.8 kDa. Due to glycosylation, the protein migrates to 105-115 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;> 90% as determined by HPLC
<b>Storage</b>	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot

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the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## 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

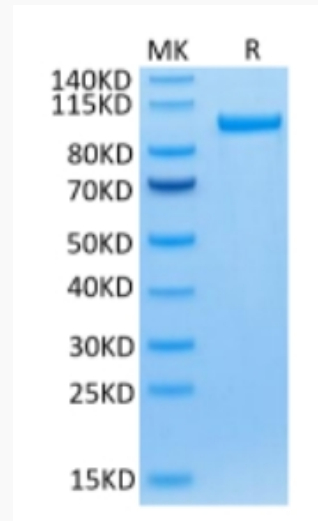
**UniProt ID** P02786

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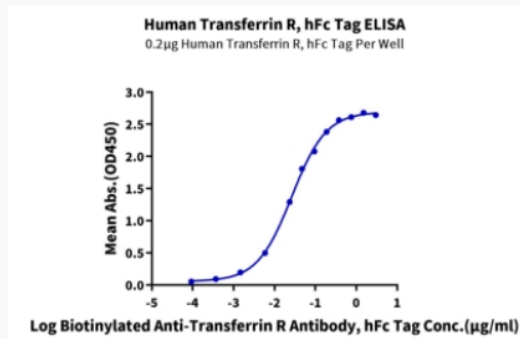
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**Tris-Bis PAGE**



**ELISA Data**



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