

Recombinant Human TFRC protein, hFc-tagged

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

SPECIFICATION

Product Overview	Recombinant Human TFRC protein(P02786-1)(Cys89-Phe760), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Cys89-Phe760
Tag	C-hFc
Form	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	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).
Molecular Mass	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.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 90% as determined by HPLC
Storage	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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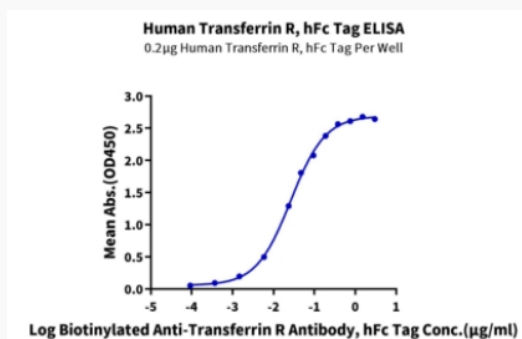
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Tris-Bis PAGE



ELISA Data



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