

Active Recombinant Human TFRC protein, His-tagged

Cat. No. TFRC-2620H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human sTfR/CD71 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Cys89-Phe760) of human sTfR (Accession #NP_001121620.1) fused with a 6xHis tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Cys89-Phe760
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Recombinant human Transferrin at 2 µg/mL (100 µL/well) can bind Recombinant human TfR with a linear range of 4-17 ng/mL.
Molecular Mass	85 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	> 97% by SDS-PAGE.
Storage	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.

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Reconstitution Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

GENE INFORMATION

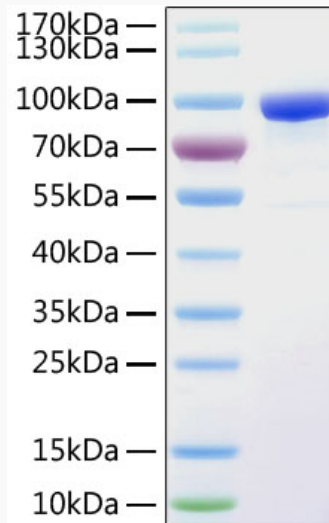
Gene Name	TFRC transferrin receptor (p90, CD71) [Homo sapiens]
Official Symbol	TFRC
Synonyms	TFRC; transferrin receptor (p90, CD71); transferrin receptor protein 1; CD71; TFR1; T9; TR; TFR; p90; TRFR;
Gene ID	7037
mRNA Refseq	NM_001128148
Protein Refseq	NP_001121620
MIM	190010
UniProt ID	P02786

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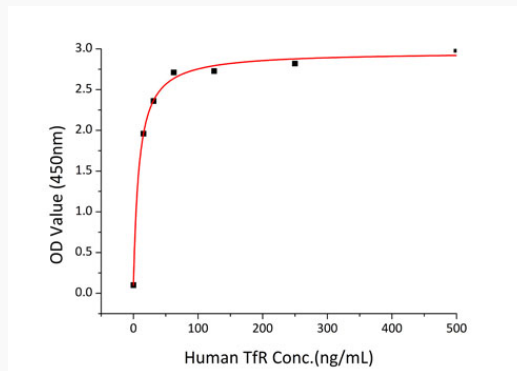
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SDS-PAGE




Bio-activity



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