

## Active Recombinant Rat TFRC protein, His-tagged

Cat. No. TFRC-0785R Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat TFRC protein(Gly87-Phe761), fused with His tag, was expressed in HEK293.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	87-761 a.a.
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Rat Transferrin R, His Tag at 5 µg/mL (100 µL/well) can bind Mouse Transferrin, Mouse IgG2a Fc Tag, low endotoxin with a linear range of 0.3-20 ng/mL.
<b>Molecular Mass</b>	This protein carries a polyhistidine tag at the N-terminus. The protein has a calculated MW of 78.1 kDa. The protein migrates as 80-90 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
<b>Proteinlength</b>	Gly87-Phe761
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.

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**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid 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 [ *Rattus norvegicus* ]

**Official Symbol** TFRC

**Synonyms** TFRC; transferrin receptor; transferrin receptor protein 1; TR; tFR; tFR1; Trfr;

**Gene ID** 64678

**mRNA Refseq** NM\_022712

**Protein Refseq** NP\_073203

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