

Active Recombinant Rat TFRC protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Rat TFRC protein(Gly87-Phe761), fused with His tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	87-761 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	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.
Molecular Mass	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.
Proteinlength	Gly87-Phe761
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>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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