

Active Recombinant Mouse Tfrc protein, His-tagged, Low Endotoxin

Cat. No. TFRC-1290M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tfrc protein(Q62351)(89-763 aa), fused with N-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	89-763 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS, 200mM L-arginine (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Mouse Transferrin R, His Tag at 5µg/ml(100µl/well) on the plate. Dose response curve for Biotinylated Human Transferrin, His Avi Tag with the EC50 of 14.5ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 76.99 kDa. Due to glycosylation, the protein migrates to 78-90 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 90% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after

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reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name [Tfrc transferrin receptor \[Mus musculus \]](#)

Official Symbol [Tfrc](#)

Synonyms TFRC; transferrin receptor; transferrin receptor protein 1; mammary tumor virus receptor 1; TR; TFR; p90; CD71; TFR1; Trfr; Mtvr1; Mtvr-1; AI195355; AI426448; AU015758; 2610028K12Rik; E430033M20Rik;

Gene ID [22042](#)

mRNA Refseq [NM_011638](#)

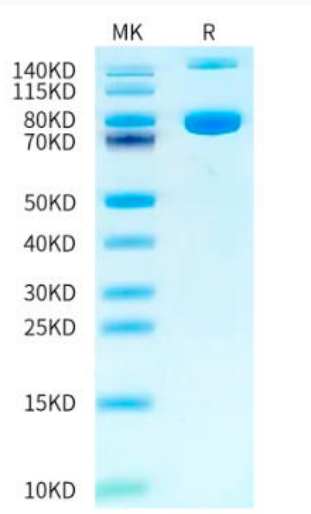
Protein Refseq [NP_035768](#)

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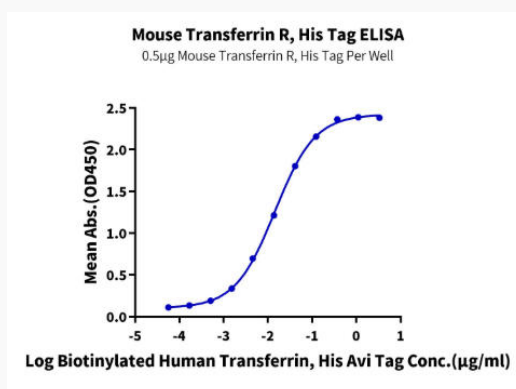
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Bis-Tris PAGE



ELISA Data



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