

Recombinant Mouse Tfrc, His tagged

Cat. No. Tfrc-5164M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tfrc (Q62351) extracellular domain (Cys 89-Phe 763), fused with a polyhistidine tag at the N-terminus, was produced in Human Cell.
Species	Human
Source	HEK293
ProteinLength	Cys 89-Phe 763
Form	Lyophilized from sterile 20mM Tris, 150mM NaCl, 5% Mannitol, 0.1% tween80, pH 7.5
Molecular Mass	The recombinant mouse TFRC comprises 694 amino acids and predicts a molecular mass of 78.3 kDa. The apparent molecular mass of mouse TFRC is approximately 80 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 92 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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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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