

Recombinant Mouse Trf protein, His-tagged

Cat. No. Trf-8683M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Trf protein(Q92111) (Met1-His697) was expressed in HEK293 with a C-terminal polyhistidine tag
Species	Mouse
Source	HEK293
ProteinLength	1-697 a.a.
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured in a serum-free cell proliferation assay using MCF-7 human breast cancer cells. The ED50 for this effect is typically 15-150ng/mL.
Molecular Mass	The recombinant mouse TRF comprises 689 amino acids and has a predicted molecular mass of 76.3 kDa. The apparent molecular mass of the protein is approximately 61-66 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	> 95 % 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

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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 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

UniProt ID-Weblink

<http://www.uniprot.org/uniprot/>

GENE INFORMATION**Gene Name**

Trf transferrin [*Mus musculus*]

Official Symbol

Trf

Synonyms

TRF; transferrin; serotransferrin; siderophilin; beta-1 metal-binding globulin; hypotransferrinemia with hemochromatosis; HP; Tf; Tfn; hpx; Cd176; AI266983; MGC102653;

Gene ID

22041

mRNA Refseq

NM_133977

Protein Refseq

NP_598738

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