

Active Recombinant Mouse TRF protein(Met1-His697), His-tagged

Cat. No. TRF-17328M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse TRF protein(Q92111)(Met1-His697), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-His697
similar	TRF
Alias	TRF; transferrin; serotransferrin; siderophilin; beta-1 metal-binding globulin; hypotransferrinemia with hemochromatosis; HP; Tf; Tfn; hpx; Cd176; AI266983; MGC102653;
Conjugate	C-His
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bioactivity	
MolecularMass	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

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	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 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.
GeneName	Trf transferrin [Mus musculus]
GeneNameWeblink	22041
OfficialSymbol	TRF
OfficialSymbolWeblink	22041
GenelD	22041
GenelDWeblink	22041
mRNARefseq	NM_133977
mRNARefseqWeblink	NM_133977.2
ProteinRefseqWeblink	NP_598738.1

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MIMWeblink	
UniProtID	
UniProtIDWeblink	
GENE INFORMATION	
Synonyms	TRF; transferrin; serotransferrin; siderophilin; beta-1 metal-binding globulin; hypotransferrinemia with hemochromatosis; HP; Tf; Tfn; hpx; Cd176; AI266983; MGC102653;
MIM	

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