Active Recombinant Rat Tf protein(Met1-Ser698), His-tagged

Cat. No. Tf-566R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Tf protein(NP_001013128.1)(Met1-Ser698), fused with C-terminal His tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Met1-Ser698
similar	Tf
Alias	TF; transferrin; serotransferrin; siderophilin; beta-1 metal-binding globulin; liver regeneration-related protein LRRG03; Tfn; Trf; MGC93500;
Conjugate	C-His
Form	Lyophilized from sterile PBS, pH 7.2. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bioactivity	
MolecularMass	The recombinant rat TF comprises 690 amino acids and predicts a molecular mass of 76 kDa. The apparent molecular mass of the recombinant protein is approximately 89 kDa in SDS-PAGE under reducing conditions.

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Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 90 % 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	Tf transferrin [Rattus norvegicus]
GeneNameWeblink	24825
OfficialSymbol	Tf
OfficialSymbolWeblink	24825
GeneID	24825
GeneIDWeblink	24825
mRNARefseq	NM_001013110
mRNARefseqWeblink	NM_001013110.1
ProteinRefseqWeblink	NP_001013128.1
MIMWeblink	
UniProtID	

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UniProtIDWeblink	

GENE INFORMATION

Synonyms	TF; transferrin; serotransferrin; siderophilin; beta-1 metal-binding globulin; liver regeneration-related protein LRRG03; Tfn; Trf; MGC93500;
MIM	

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