

Active Recombinant Mouse TF protein, mFc-tagged

Cat. No. TF-379M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse TF protein(Val 20 - His 697), fused with mFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Val 20 - His 697
Form	Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5, 10% trehalose.
Bio-activity	Immobilized Human TfR, His Tag at 2 µg/mL (100 µL/well) can bind Mouse Transferrin Protein, Mouse IgG2a Fc Tag with a linear range of 0.4-12.5 ng/mL. Immobilized Biotinylated Cynomolgus Transferrin R, His Tag, primary amine labeling at 1 µg/mL (100 µL/well) on streptavidin precoated (0.5 µg/well) plate can bind Mouse Transferrin Protein, Mouse IgG2a Fc Tag with a linear range of 0.3-10 ng/mL.
Molecular Mass	This protein carries a mouse IgG2a Fc tag at the C-terminus. The protein has a calculated MW of 101.8 kDa. The protein migrates as 100 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 0.1 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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Storage

For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

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.

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