

Active Recombinant Cynomolgus TFRC protein, His-tagged, Biotinylated

Cat. No. TFRC-0786C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Cynomolgus TFRC protein(Cys89-Phe760), fused with His tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	89-760 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	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, Mouse IgG2a Fc Tag, low endotoxin with a linear range of 0.3-10 ng/mL. Immobilized Mouse Transferrin, Mouse IgG2a Fc Tag, low endotoxin at 2 µg/mL (100 µL/well) can bind Biotinylated Cynomolgus Transferrin R, His Tag, primary amine labeling with a linear range of 0.3-10 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the N-terminus. The protein has a calculated MW of 77.1 kDa. The protein migrates as 70-90 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Cys89-Phe760

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Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. 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 µg/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	Biotin

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