

Active Recombinant Cynomolgus/Rhesus TFRC protein, His-tagged

Cat. No. TFRC-4685R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the Cynomolgus/Rhesus TFRC (NP_001244232.1)(Cys89-Phe760) was expressed with a polyhistidine tag at the N-terminus.
Species	Cynomolgus/Rhesus
Source	HEK293
ProteinLength	Cys89-Phe760
Form	Lyophilized from sterile 50 mM Tris, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to neutralize transferrin-mediated proliferation of MCF-7 cells. The ED50 for this effect is typically 0.2-2µg/mL.
Molecular Mass	The recombinant cynomolgus/rhesus TFRC comprises 691 amino acids and has a calculated molecular mass of 77.5 KDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.

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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.

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