

Recombinant Cynomolgus TFRC, His tagged

Cat. No. TFRC-132C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus TFRC (NP_001244232.1) (Cys89-Phe760), fused with a polyhistidine tag at the N-terminus, was produced in Human Cells.
Species	Cynomolgus
Source	Human Cells
ProteinLength	89-760 a.a.
Predicted N Terminal	His
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant cynomolgus TFRC comprises 692 amino acids and has a calculated molecular mass of 77.6 KDa. The apparent molecular mass of it is approximately 65-85 KDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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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. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	TFRC transferrin receptor (p90, CD71) [<i>Macaca fascicularis</i> (crab-eating macaque)]
Official Symbol	TFRC
Gene ID	102136007
mRNA Refseq	XM_005545258
Protein Refseq	XP_005545315
Chromosome Location	2

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