

Recombinant Marmoset TFRC Protein, His-tagged

Cat. No. TFRC-121M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Marmoset TFRC Protein, fused to His-tag, was expressed in HEK293.
Species	Marmoset
Source	HEK293
ProteinLength	87-760 aa
Description	This gene encodes a cell surface receptor necessary for cellular iron uptake by the process of receptor-mediated endocytosis. This receptor is required for erythropoiesis and neurologic development. Multiple alternatively spliced variants have been identified.
Form	PBS, pH 7.4.
Molecular Mass	76.5 kDa
AA Sequence	GYCKHVEPKIECQRLAGTESPAVENPEENLPVVPQLYWDDLKMLSEKLDTTDFTS TIKLLNENSYVPREAGSQKDENLAWYIENQFRECKLSKVWRDEHFVKIQVKDSAQN SVTITGTNSEFVYLVENPGGYVAYSQNATVTGKLVHANFGTEKDFEDLDSPVNGSIVI VRAGKITFAEKVANAESANAIGVLIYMDKTKFPIVDADVSFFGHAHLGTGDPYTPGFP SFNHTQFPSPRSSGLPNIPVQTISRAAAERLFENMEGDCPSDWKTDSSCRMVTSQN KSVKLSVSNVMKEIKILNIFGVIKGFVEPDYVVVGAQRDSWGPGAAKSSVGTALLLE LAQTFSDMVLKDGFPQRSIVFASWSAGDFGSVGATEWLEGYLSSLHLKAFTFINLD KAVLGTSNFRVSASPLLYALIEKTMQEVKHPVTGLSLYQDSNWASKVEKLTFDAAAF

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PFLAYSGIPAVSFCFCEDTDYPYLGTTMDTYKELIEKIPQLNKVARAAAEVAGQFMIK
 LTHDVELNLDYERYNSQLLSFLRNLNQYRADIREMGLSLQWLYSARGDFFRATSRLT
 TDFKNSEKTDRFVMKELNDRVMKVEYYFLSPYVSPRESPFRHIFWGS GSHTLSALL
 EHLKLRKTNNRAFNETLFRNQLALATWTIQGAANALSGDIWDIDNEFH HHHHHH

Purity >90%

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration 1.54 mg/ml

GENE INFORMATION

Gene Name [TFRC transferrin receptor \[Callithrix jacchus \(white-tufted-ear marmoset\) \]](#)

Official Symbol [TFRC](#)

Synonyms T9; TR; TFR; p90; CD71; TFR1; TRFR; IMD46

Gene ID [100407510](#)

mRNA Refseq [NM_001301847](#)

Protein Refseq [NP_001288776](#)

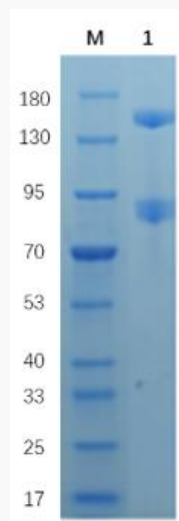
UniProt ID [U3FHF5](#)

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SDS-PAGE



Reducing 12% SDS-PAGE analysis profile of purified TFRC (CBB stained).

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