# Recombinant Human TFRC Protein, His-tagged

**Cat. No.** TFRC-1247H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human TFRC Protein (Cys89-Phe760) with His tag was expressed in 293F. |
| **Species** | Human |
| **Source** | HEK293 |
| **ProteinLength** | Cys89-Phe760 |
| **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** | Freeze-dried powder |
| **Molecular Mass** | Predicted Molecular Mass: 100.2 kDa; Accurate Molecular Mass: 110 kDa |
| **Purity** | > 90% |
| **Applications** | Positive Control; Immunogen; SDS-PAGE; WB. |
| **Stability** | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is |

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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| | less than 5% within the expiration date under appropriate storage condition. |
| **Storage** | Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months. |
| **Storage Buffer** | 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300. |
| **Reconstitution** | Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex. |

## GENE INFORMATION

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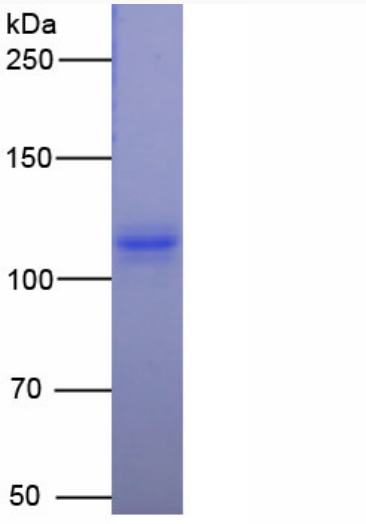
| **Gene Name** | TFRC transferrin receptor [ Homo sapiens (human) ] |
| **Official Symbol** | TFRC |
| **Synonyms** | TFRC; transferrin receptor; T9; TR; TFR; p90; CD71; TFR1; TRFR; IMD46; transferrin receptor protein 1 |
| **Gene ID** | 7037 |
| **mRNA Refseq** | NM_003234 |
| **Protein Refseq** | NP_003225 |
| **MIM** | 190010 |
| **UniProt ID** | P02786 |

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