

Recombinant Human TFRC Protein, His-tagged

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

SPECIFICATION

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

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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

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

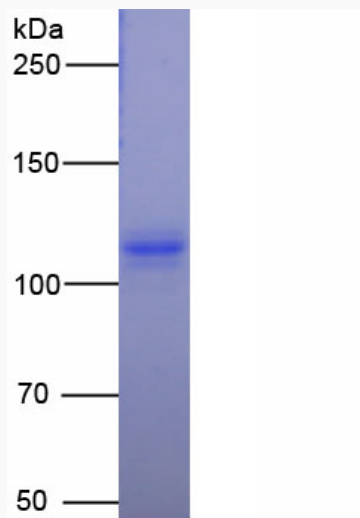
UniProt ID

P02786

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