

Recombinant Human TFRC Protein, His-tagged

Cat. No. TFRC-2124H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TFRC Protein (Cys89-Phe760) with N-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: 76.8 kDa Accurate Molecular Mass: 80 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

 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

48h, and no obvious degradation and precipitation were observed. The loss rate is 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

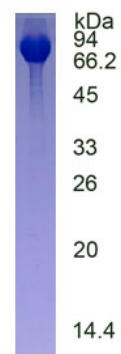
UniProt ID

P02786

 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



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