

Recombinant Human TFRC protein, His & S-tagged

Cat. No. TFRC-1566H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TFRC aa. (Gly567~Gly744 (Accession # P02786)) fused with N-terminal His & S tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Gly567~Gly744
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: 26.4kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method).
Purity	>95%
Characteristic	The isoelectric point is 6.6.
Applications	SDS-PAGE; WB; ELISA; IP.

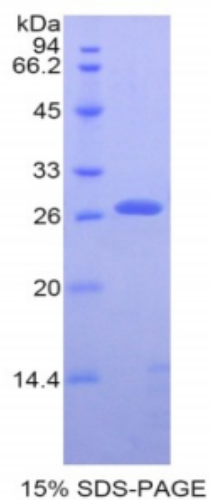
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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.05% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
GENE INFORMATION	
Gene Name	TFRC transferrin receptor [Homo sapiens (human)]
Official Symbol	TFRC
Synonyms	T9; TR; TFR; p90; CD71; TFR1; TRFR; IMD46; transferrin receptor protein 1
Gene ID	7037
mRNA Refseq	NM_001128148.2
Protein Refseq	NP_001121620.1
UniProt ID	P02786

SDS-PAGE



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