Recombinant Human TFRC Protein, His-tagged

Cat. No. TFRC-2028H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human sTfR Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Cys89-Phe760) of human sTfR (Accession #NP_001121620.1) fused with a 6×His tag at the C-terminus.
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	Lyophilized from sterile PBS, pH 7.4, 5 % trehalose, 5 % mannitol.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 90% as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70ºC.
Storage	Store it under sterile conditions at -20ºC~-70ºC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4℃ before opening to recover the entire contents.

GENE INFORMATION

Gene Name	TFRC transferrin receptor (p90, CD71) [Homo sapiens]
Official Symbol	TFRC
Synonyms	TFRC; transferrin receptor (p90, CD71); transferrin receptor protein 1; CD71; TFR1; T9; TR; TFR; p90; TRFR;
Gene ID	7037
mRNA Refseq	NM_001128148
Protein Refseq	NP_001121620
MIM	190010
UniProt ID	P02786

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