

Recombinant Mouse Tfrc Protein, Myc/DDK-tagged

Cat. No. Tfrc-6385M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length transferrin receptor (Tfrc), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
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. Mice that are deficient in this receptor show impaired erythroid development and abnormal iron homeostasis. [provided by RefSeq, Sep 2015]
Molecular Mass	85.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Tfrc transferrin receptor [Mus musculus (house mouse)]
Official Symbol	Tfrc
Synonyms	TFRC; transferrin receptor; transferrin receptor protein 1; mammary tumor virus receptor 1; TR; TFR; p90; CD71; TFR1; Trfr; Mtvr1; Mtvr-1; AI195355; AI426448; AU015758; 2610028K12Rik; E430033M20Rik
Gene ID	22042
mRNA Refseq	NM_011638
Protein Refseq	NP_035768
UniProt ID	Q62351

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