

Recombinant Human TFRC Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TFRC-4377H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TFRC MS Standard C13 and N15-labeled recombinant protein (NP_001121620) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
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. Multiple alternatively spliced variants have been identified.
Molecular Mass	84.7 kDa
AA Sequence	MMDQARSAFSNLFGGEPLSYTRFSLARQVDGDN SHVEMKLAVDEEENADNNTKAN VTKPKRCSGSICYGTIAVIVFFLIGFMIGYLG YCKGVEPKTECERLAGTESPVREEPG EDFPAARRLYWDDLKRKLSEKLDSTDFTGTIKLLNENS YVPREAGSQKDENLALYVE NQFREFKLSKVWRDQHFVKIQVKDSAQNSVIIVDKNGRLVYLVENPGGYVAYS KAAT VTGKLVHANFGTKKDFEDLYTPVNGSIVIVRAGKITFAEKVANAESLNAIGVLIYMDQT KFPIVNAELSFFGHAHLGTGDPYTPGFPSFNHTQFP PSRSSGLPNIPVQTISRAAA EK LFGNMEGDCPSDWKTDSTCRMVTSESKNVKLT VSNVLKEIKILNIFGVIKGFVEPDHY VVVGAQRDAWGPGAAGSGVGTALLLKL AQMFSDMV LKDG FQPSRSIIFASWSAGD FGSVGATEWLEGYLSSLHLKAFTYINLDKAVLG TSNFKVSASPLLYTLIEKTMQNVKH

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PVTGQFLYQDSNWASKVEKLTLDNAAFPFLAYSGIPAVSFCFCEDTDYPYLGTTMDT
YKELIERIPELNKVARAAAEVAGQFVIKLT HDVELNLDYERYNSQLLSFVRDLNQYRA
DIKEMGLSLQWLYSARGDFFRATSRLTTDFGNAEKTDRFVMKKLNDRVMRVEYHFL
SPYVSPKESPFRRHVFWGSGSHTLPALLENLKLRLKQNNGAFNETLFRNQLALATWTI
QGAANALSGDVWDIDNEFTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [TFRC transferrin receptor \[Homo sapiens \(human\) \]](#)

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](#)

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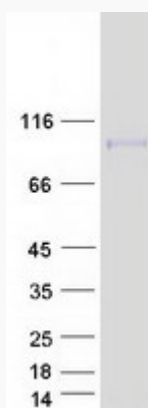
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MIM 190010

UniProt ID P02786

SDS-PAGE



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