

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

**Cat. No.** TFRC-791H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	TFRC MS Standard C13 and N15-labeled recombinant protein (NP_003225) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	84.7 kDa
<b>AA Sequence</b>	MMDQARSAFSNLFGGPELSYTRFSLARQVDGDNHVMKLA VDEEENADNNTKAN VTKPKRCSGSICYGTIAVIVFFLIGFMIGYLG YCKGVEPKTECERLAGTESPVREEPG EDFPAARRLYWDDLKRKLSEKLDSTDFGTIKLLNENS YVPREAGSQKDENLALYVE NQFREFKLSKVWRDQHFVKIQVKDS AQNSVIIVDKNGRLVYLVENPGGYVAYS KAAT VTGKLVHANFGTKKDFEDLYTPVNGSIVIVRAGKITFAEKVANAESLNAIGVLIYMDQT KFPIVNAEL SFFGHAHLGTGDPYTPGFPSFNHTQFP PSRSSGLPNIPVQTISRAAA EK LFGNMEGDCPSDWKTDSTCRMVTSESKNVKLT VSNVLKEIKILNIFGVIKGFVEPDHY VVVGAQRDAWGPGA AAKSGVGTALLLKL AQMFSDMVLKDG FQPSRSIIFASWSAGD FGSVGATEWLEGYLSSLHLKAFTYINLDKAVLGT SNFKVSASPLLYTLIEKTMQNVKH

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PVTGQFLYQDSNWASKVEKLTLDNAAFPFLAYSGIPAVSFCFCEDTDYPYLGTTMDT  
 YKELIERIPELNKVARAAA EVAGQFVIKLT HDVELNLDYERYNSQLLSFVRDLNQYRA  
 DIKEMGLSLQWLYSARGDFFRATSRLTTDFGNAEKTDRFVMKKLNDRVMRVEYHFL  
 SPYVSPKESPFRRHVFWGSGSHTLPALLENLKLKQNNGAFNETLFRNQLALATWTI  
 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\\_003234](#)

**Protein Refseq** [NP\\_003225](#)

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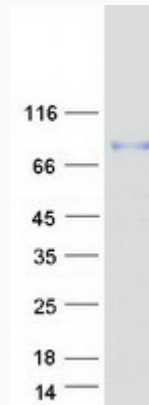
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**MIM** 190010

**UniProt ID** P02786

**SDS-PAGE**



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