

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 | <p>MMDQARSAFSNLFGGPELSYTRFSLARQVDGDNHVMKLAVDEEENADNNTKAN VTKPKRCSGSICYGTIAVIVFFLIGFMIGYLG YCKGVEPKTECERLAGTESPVREEPG EDFPAARRLYWDDLKRKLSEKLDSTDFGTIKLLNENSYPREAGSQKDENLALYVE NQFREFKLSKVWRDQHFVKIQVKDSANSVIIVDKNGRLVYLVENPGGYVAYSKAAT VTGKLVHANFGTKKDFEDLYTPVNGSIVIVRAGKITFAEKVANAESLNAIGVLIYMDQT KFPIVNAELFFGHHLGTGDPYTPGFPSFNHTQFPPSRSSGLPNIPVQTISRAAA EK LFGNMEGDCPSDWKTDSTCRMVTSESKNVKLTVSNVLKEIKILNIFGVIKGFVEPDHY VVVGAQRDAWGPGAAGSGVGTALLLKLQMFSDMVLKDGFGQPSRSIIFASWSAGD FGSVGATEWLEGYLSSLHLKAFTYINLDKAVLGTSNFKVSASPLLYTLIEKTMQNVKH</p> |

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PVTGQFLYQDSNWASKVEKLTLDNAAFPPFLAYSGIPAVSFCFCEDTDYPYLGTTMDT
 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_001128148](#)

Protein Refseq [NP_001121620](#)

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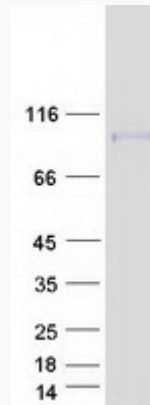
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MIM 190010

UniProt ID P02786

SDS-PAGE



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