

Product datasheet for **TP510529**

Tfrc (NM_011638) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse transferrin receptor (Tfrc), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR210529 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MMDQARSAFSNLFGGPELSYTRFSLARQVDGDNSHVEMKLAADDEENADNNMKASVRKPKRFNGRLCFAA
IALVIFFLIGFMSGYLG YCKRVEQKEECVKLAETEETDKSETMETEDVPTSSRLYWADLKTLLSEKLSNI
EFADTIKQLSQNTYTPREAGSQKDESLAYYIENQFHEFKFSKVWRDEHYVKIQVKSSIGQNMVIVQSNG
NLDPVESPEGYVAFSKPTEVSGKLVHANFGTKKDFEELSVNGSLVIVRAGEITFAEKVANAQSFNAIG
VLIYMDKNKFPVVEADLALFGHAHLGTGDPYTPGFPSFNHTQFPPSQSSGLPNIPVQTISRAAAELFGK
MEGSCPARWNIDSSCKLELSQNQNVKLIVKNVLKERRILNIFGVIKGYEEPDRYVVG AQRDALGAGVAA
KSSVGTGLLLKLAQVFSDMISKDGFRRPSRSIIFASWTAGDFGAVGATEWLEGYLSLHHLKAFTYINLDKV
VLGTSNFKVSASPLLYTLMGKIMQDVKHPVDGKSLYRDSNWISKVEKLSFDNAAYPFLAYS GIPAVSFCF
CEDADYPYLGTRLDTYEALTQKVPQLNQMVRTAAEVAGQLIIKLTHDVELNLDYEMYNSKLLSFMKDLNQ
FKTDIRDMLSLQWLYSARGDYFRATSRLTTDFHNAEKTNR FVMREINDRIMKVEYHFLSPYVSPRESPF
RHIFWGS GSHTLSALVENLKL RQKNITAFNETLFRNQLALATWTIQGVANALSGDIWNIDNEF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

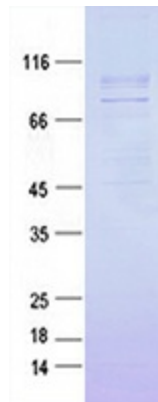
Tag:	C-MYC/DDK
Predicted MW:	85.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_035768
Locus ID:	22042
UniProt ID:	Q62351 , Q542D9
RefSeq Size:	4920
Cytogenetics:	16 23.06 cM
RefSeq ORF:	2292
Synonyms:	2610028K12Rik; CD71; E430033M20Rik; Mtv; Mtvr; Mtvr1; p9; p90; TFR; TFR1; TR; Trfr
Summary:	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]

Product images:



Purified recombinant protein Tfrc was analyzed by SDS-PAGE gel and Coomassie Blue Staining.