

Product datasheet for **TP320060M**

Transferrin Receptor 2 (TFR2) (NM_003227) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human transferrin receptor 2 (TFR2), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC220060 representing NM_003227 Red =Cloning site Green =Tags(s)

MERLWGLFQRAQQLSRSSQTVYQRVFEGPRKGHLEEEEDGEEGAETLAHFCEMELRGPEPLGSRPRQPN
LIPWAAAGRRAAPYLVLTAALLIFTGAFLLGYVAFRGSCQACGDSVLVSEVDVNYEPDLDFHQGRLYWSDL
QAMFLQFLGEGRLEDTIRQTSRERVAGSAGMAALTQDIRAALSQRKLDHWVTDTHYVGLQFPDPAHPNT
LHWVDEAGKVGEQLPLEDPDVYCPYSAIGNVTGELVYAHYGRPEDLQDLRARGVDPVGRLLLVRVGVISF
AQKVTNAQDFGAQGVLIYPEPADFSQDPPKPSLSSQQAQVYGHVHLGTGDPYTPGFPSFNQTQFPVASSG
LPSIPAQPISADIASRLRKLKGPVAPQEWQGSLLGSPYHLGPGPRLRLVNNHRTSTPINNIFGCIEGR
SEPDHYVVIGAQRDAWGPGAAKSAVGTAILLELVRTFSSMVSNGFRPRRSLFISWDGGDFGSGVSTEWL
EGYLSVLHKLAVVYVSLDNAVLGDDKFHAKTSPLLTSLIESVLKQVDSPNHSGQTLYEQVFTNPSWDAE
VIRPLPMDSSAYSFTAQVGVPAVEFSFMEDDQAYPFLHTKEDTYENLHKVLQGRLPVAQAQVAQLAGQLL
IRLSHRLLPLDFGRYGDVLRHIGNLNEFSGDLKARGLTLQWVYSARGDYIRAAEKLKQEIYSSEERDE
RLTRMYNVRIMRVEFYFLSQYVSPADSPFRHIFMGRGDHTLGALLDHLRLLRSNSSGTPGATSTGFQES
RFRRQLALLTWTLQGAANALSGDVWNIDNNF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

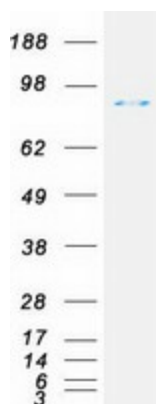
Tag:	C-Myc/DDK
Predicted MW:	88.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C.
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_003218
Locus ID:	7036
UniProt ID:	Q9UP52
RefSeq Size:	2891
Cytogenetics:	7q22.1
RefSeq ORF:	2403
Synonyms:	HFE3; TFRC2
Summary:	This gene encodes a single-pass type II membrane protein, which is a member of the transferrin receptor-like family. This protein mediates cellular uptake of transferrin-bound iron, and may be involved in iron metabolism, hepatocyte function and erythrocyte differentiation. Mutations in this gene have been associated with hereditary hemochromatosis type III. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, May 2011]
Protein Families:	Druggable Genome, Protease, Transmembrane

Product images:



Coomassie blue staining of purified TFR2 protein (Cat# [TP320060]). The protein was produced from HEK293T cells transfected with TFR2 cDNA clone (Cat# [RC220060]) using MegaTran 2.0 (Cat# [TT210002]).