

## Product datasheet for **TP320060L**

### Transferrin Receptor 2 (TFR2) (NM\_003227) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human transferrin receptor 2 (TFR2), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC220060 representing NM_003227 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MERLWGLFQRAQQLSRSSQTVYQRVVEGPRKGHLEEEEDGEEGAETLAHFCEMELRGPEPLGSRPRQPN  
LIPWAAAGRRAAPYLVLTAALLIFTGAFLLGYVAFRGSCQACGDSVLVSEVDVNYEPDLDFHQGRLYWSDL  
QAMFLQFLGEGRLEDTIRQTSRERVAGSAGMAALTQDIRAALSQRKLDHWVTDTHYVGLQFPDPAHPNT  
LHWVDEAGKVGEQLPLEDPDVYCPYSAIGNVTGELVYAHYGRPEDLQDLRARGVDPVGRLLLVRVGVISF  
AQKVTNAQDFGAQGVLIYEPADFSQDPPKPSLSSQQAVYGHVHLGTGDPYTPGFPSFNQTQFPPVASSG  
LPSIPAQPISADIASRLRKLKGPVAPQEWQGSLLGSPYHLGPGPRLRLVNNHRTSTPINNIFGCIEGR  
SEPDHYVVIGAQRDAWGPGAAKSAVGTAILLELVRTFSSMVSNGFRPRRSLFISWDGGDFGSGVSTEWL  
EGYLSVLHLKAVVYVSLDNAVLGDDKFHAKTSPLLSLIESVLKQVDSPNHSGQTLYEQVFTNPSWDAE  
VIRPLPMDSSAYSFTAFAVGVPAVEFSFMEDDQAYPFLHTKEDTYENLHKVLQGRLPVAQAQVAQLAGQLL  
IRLSHRLLPLDFGRYGDVLRHIGNLNEFSGDLKARGLTLQWVYSARGDYIRAAEKLKQEIYSSEERDE  
RLTRMYNVRIMRVEFYFLSQYVSPADSPFRHIFMGRGDHTLGALLDHLRLLSNSSGTPGATSTSTGFQES  
RFRRQLALLTWTLQGAANALSGDVWNIDNNF

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

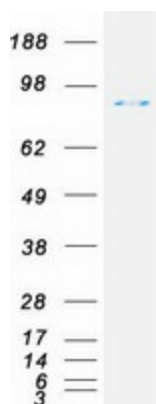
Tag:	C-Myc/DDK
Predicted MW:	88.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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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<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_003218</a>
<b>Locus ID:</b>	7036
<b>UniProt ID:</b>	<a href="#">Q9UP52</a>
<b>RefSeq Size:</b>	2891
<b>Cytogenetics:</b>	7q22.1
<b>RefSeq ORF:</b>	2403
<b>Synonyms:</b>	HFE3; TFRC2
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).