

## Product datasheet for **TP510714**

### Tfr2 (NM\_015799) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse transferrin receptor 2 (Tfr2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210714 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MEQRWGLLRVQWSPRPSQTIYRRVEGPQLEHLEEDREEGAELPAQFCPMEKGPPEHLGSCPGRSIPI  
PWAAAGRKAAPYLVLLITLLIFTGAFLLGYVAFRGSCQACGDSVLVDEVDNPNEDSGRTTLYWSDLQAMFL  
RFLGEGRMEDNIRLTSRERVAGSARMATLVQDILDKLSRQKLDHVWTDTHYVGLQFPDPAHANTLHWVD  
ADGSVQEQLPLEDPEVYCPYSATGNATGKLVYAHYGRSEDLQDLKAKGVELAGSLLLVRVGITSFAQKVA  
VAQDFGAQGVLIIYDPSPDFSDPHKPLSSHQAVYGHVHLGTGDPYTPGFPSFNQTQFPPVESSGLPSIP  
AQPISADIADQLLRKLTGPVAPQEWKGLSGSPYRLGPGDLRLVNNHRVSTPISNIFACIEGFAEPDH  
YVIGAQRDAWGPGAASAVGTAILELVRTFSSMVSNGFRPRRSLFISWDGGDFGSGATEWLEGYLS  
VLHLKAVVYVSLDNSVLGDGKFHAKTSPLLVSLIENILKQVDSPNHSGQTLYEQVALTHPSWDAEVIQPL  
PMDSSAYSFTAFAGVPAVEFSFMEDDRVYPFLHTKEDTYENLHKMLRGRLPVVQAVAQLAGQLLIRLSH  
DHLLPLDFGRYGDVLRHIGNLNEFSGDLKERGLTLQWVYSARGDYIRAAEKLRKEIYSSERNDERLMRM  
YNVRIMRVEFYFLSQYVSPADSPFRHIFLGQGDHTLGALVDHLRMLRADGSGAASSRLTAGLGFQESFRF  
RQLALLTWTLQGAANALSGDVWNIDNNF

**SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	88.4 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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<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_056614</a>
<b>Locus ID:</b>	50765
<b>UniProt ID:</b>	<a href="#">Q9JKX3</a>
<b>RefSeq Size:</b>	3537
<b>Cytogenetics:</b>	5 G2
<b>RefSeq ORF:</b>	2397
<b>Synonyms:</b>	Trfr2
<b>Summary:</b>	Mediates cellular uptake of transferrin-bound iron in a non-iron dependent manner. May be involved in iron metabolism, hepatocyte function and erythrocyte differentiation. [UniProtKB/Swiss-Prot Function]