

Product datasheet for **TP309184L**

Transferrin (TF) (NM_001063) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human transferrin (TF), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209184 protein sequence Red =Cloning site Green =Tags(s)

MRLAVGALLVCAVLGLCLAVPDKTVRWCAVSEHEATKQCQSRDHMKSVIPSDGSPVACVKKASYLDCIRA
IAANEADAVTL DAGLVYDAYLAPNNLKPVVAEFYGSKEDPQTFYYAVAVVKKDSGFQMNQLRGKKSCHTG
LGRSAGWNIPIGLLYCDLPEPRKPLEKAVANFFSGSCAPCADGTDFFPQLCQLCPGCGCSTLNQYFGYSGA
FKCLKNGAGDVAFVKHSTIFENLANKADRDQYELLCLDNTRKPVDEYKDCHLAQVPSHTVWARSMGGKED
LIWELLNQAQEHFGKDKSKEFQLFSSPHGKDLLFKDSAHGFLKVPPRMDAKMYLGYEYVTAIRNLREGTC
QEAPTDECKPVKWCALSHHERLKCDEWSVNSVGKIECVSAETTEDCIAKIMNGEADAMSLDGGFVYIAGK
CGLVPVLAENYKSDNCEDTPEAGYFAVAVVKKASDLTWDNLKGGKKSCHTAVGRTAGWNIPMGLLYNKI
NHCRFDEFFSEGCAPGSKKDSLCKLCMGSLNLCEPNNKEGYYGYTGAFRCLVEKGDVAFVKHQVTPQN
TGGKNPDPWAKNLNEKDYELLCLDGRKPVVEEYANCHLARAPNHAVVTRKDKEACVHKILRQQQHFLGFSN
VTDCSGNFCLFRSETKDLLFRDDTVCLAKLHDRNTYEKYLGEYVKA VG NLRKCSTSSLLEACTFRRP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

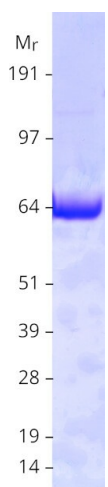
Tag:	C-Myc/DDK
Predicted MW:	75.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.
Storage:	Store at -80°C.



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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_001054
Locus ID:	7018
UniProt ID:	P02787 , Q06AH7 , A0PJA6
RefSeq Size:	2808
Cytogenetics:	3q22.1
RefSeq ORF:	2094
Synonyms:	HEL-S-71p; PRO1557; PRO2086; TFQTL1
Summary:	This gene encodes a glycoprotein with an approximate molecular weight of 76.5 kDa. It is thought to have been created as a result of an ancient gene duplication event that led to generation of homologous C and N-terminal domains each of which binds one ion of ferric iron. The function of this protein is to transport iron from the intestine, reticuloendothelial system, and liver parenchymal cells to all proliferating cells in the body. This protein may also have a physiologic role as granulocyte/pollen-binding protein (GPBP) involved in the removal of certain organic matter and allergens from serum. [provided by RefSeq, Sep 2009]
Protein Families:	Druggable Genome, Secreted Protein

Product images:



Coomassie blue staining of purified TF protein (Cat# [TP309184]). The protein was produced from HEK293T cells transfected with TF cDNA clone (Cat# [RC209184]) using MegaTran 2.0 (Cat# [TT210002]).