

## Recombinant Human TF Protein, MYC/DDK-tagged

Cat. No. TF-651H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human TF protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	<p>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].</p>
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
<b>Molecular Mass</b>	75.1 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Gene Name</b>	transferrin[ Homo sapiens ]
<b>Official Symbol</b>	TF
<b>Synonyms</b>	HEL-S-71p; PRO1557; PRO2086; TFQTL1
<b>Gene ID</b>	7018
<b>mRNA Refseq</b>	NM_001063.3
<b>Protein Refseq</b>	NP_001054.1
<b>MIM</b>	190000
<b>UniProt ID</b>	P02787

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