Recombinant Human TFR2 protein, MYC/DDK-tagged

Cat. No. TFR2-16H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TFR2 fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	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.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	88.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	TFR2 transferrin receptor 2 [Homo sapiens]

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Official Symbol	TFR2
Synonyms	HFE3; TFRC2; transferrin receptor protein 2
Gene ID	7036
mRNA Refseq	NM_003227
Protein Refseq	NP_003218
MIM	604720
UniProt ID	Q9UP52
Chromosome Location	7q22
Pathway	Iron metabolism in placenta, organism-specific biosystem
Function	co-receptor binding; glycoprotein binding; transferrin receptor activity

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA