

Active Recombinant Human TF protein, His-tagged, Low Endotoxin

Cat. No. TF-2351H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human TF protein(AAH59367)(Val20-Pro698) is expressed from HEK293 with His tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	20-698 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human Transferrin, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human Transferrin R, His Tag with the EC50 of 0.50µg/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 76.3 kDa. Due to glycosylation, the protein migrates to 78-82 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal

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storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name TF transferrin [Homo sapiens]

Official Symbol TF

Synonyms TF; transferrin; serotransferrin; PRO1557; PRO2086; siderophilin; beta-1 metal-binding globulin; TFQTL1; DKFZp781D0156;

Gene ID 7018

mRNA Refseq NM_001063

Protein Refseq NP_001054

MIM 190000

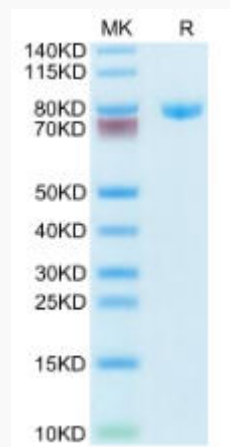
UniProt ID P02787

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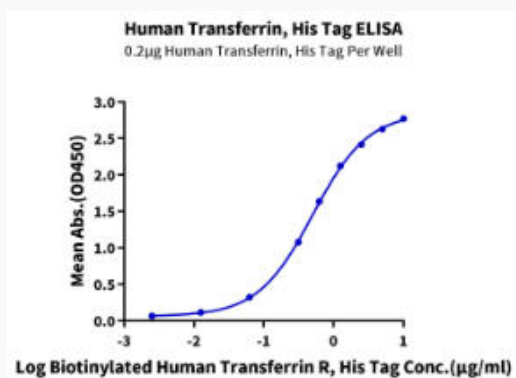
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Bis-Tris PAGE



ELISA Data



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