Active Recombinant Human TF protein, His-tagged, FITC-Labeled

Cat. No. TF-2175H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FITC-Labeled 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
Conjugation/Label	FITC
Form	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4).
Wavelength	Excitation Wavelength: 490 nm Emission Wavelength: 520 nm
Bio-activity	Immobilized FITC-Labeled Human Transferrin, His Tag at 5μg/ml (100μl/well) on the plate. Dose response curve for Biotinylated Human Transferrin R, His Tag with the EC50 of 1.58μg/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 76.3 kDa. Due to glycosylation, the protein migrates to 78-88 kDa based on Bis-Tris PAGE result.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

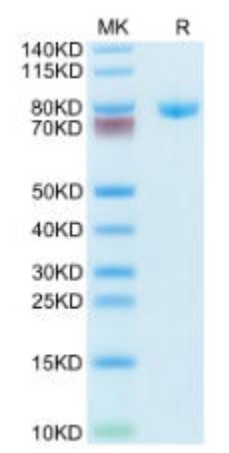
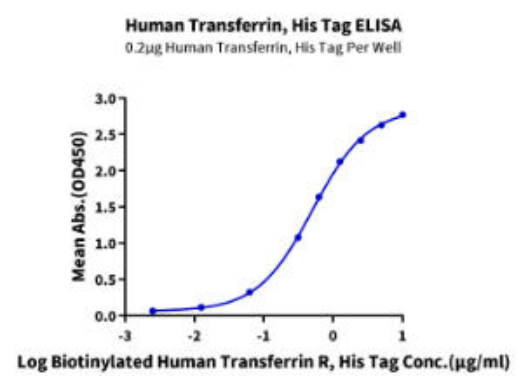
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Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve 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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Bis-Tris PAGE	
ELISA Data	

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