

Active GMP Recombinant Human TF protein(iron-free), Fc-tagged

Cat. No. TF-544HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human TF protein(iron-free)(NP_001054)(713 aa), fused with Fc Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human Transferrin(Q06AH7) was expressed with Fc tag at the C-terminal.
Form	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
Bio-activity	The concentration of immobilized human transferrin (His tag) is 1ug/mL (100uL/well), and the linear binding range that can bind to human transferrin receptor (Fc tag) is 2-50 ng/mL.
Molecular Mass	Recombinant Human Transferrin contains 713 aa. It has a predicted MW of 78.8 kDa.
Endotoxin	<=0.01EU/ug
Purity	>=95% by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved

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liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	TF transferrin [Homo sapiens]
Official Symbol	TF
Synonyms	Transferrin; TF; DKFZp781D0156; PRO1557; PRO2086
Gene ID	7018
mRNA Refseq	NM_001063
Protein Refseq	NP_001054
MIM	190000
UniProt ID	P02787

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