

Human Transferrin/TF protein (Recombinant) (C-His) (STJP002681)

GENERAL INFORMATION

Product Type	Proteins
Host / Source	HEK293 cells

PRODUCT PROPERTIES

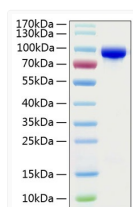
Formulation	Lyophilised from a 0.22 Mu m filtered solution of PBS, pH 7.4.
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

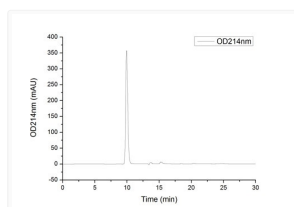
Gene ID	7018
Gene Symbol	TF
UniProt ID	TRFE_HUMAN
Immunogen Region	Val20-Pro698
Immunogen Sequence	VPDKTVRWCAVSEHEATKCQ SFRDHMKSVIPSDGPSVACV KKASYLDCIRAI AANEADAV TLDAGLVYDAYLAPNNLPV VAEFYGSKEDPQTFYYAVAV VKKDSGFQMNQLRGKKSCHT GLGRSAGWNIPIGLLYCDLP EPRKPLEKAVANFFSGSCAP CADGTDFFQLCQLCPGCGCS TLNQYFGYSGAFKCLKDGAG DVAFVKHSTIFENLANKADR DQYELLCLDNTRKPVDEYK

ADDITIONAL INFORMATION

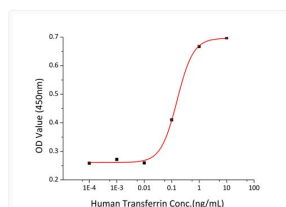
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



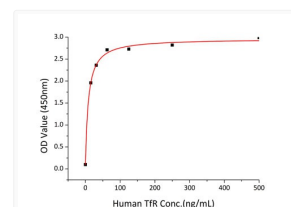
Recombinant Human Transferrin/TF Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 76-90 kDa.



The purity of Human Transferrin Protein (Cat. STJP002681) was greater than 95% as determined by SEC-HPLC.



Recombinant Human Transferrin promotes the proliferation of MCF-7 human breast cancer cells. The ED₅₀ for this effect is 0.075-0.3 ng/mL.



Immobilized Recombinant human Transferrin at 2 Mu g/mL (100 Mu L/well) can bind Recombinant human TfR with a linear range of 4-17 ng/mL.