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Human Transferrin/TF Recombinant Protein (85-174)

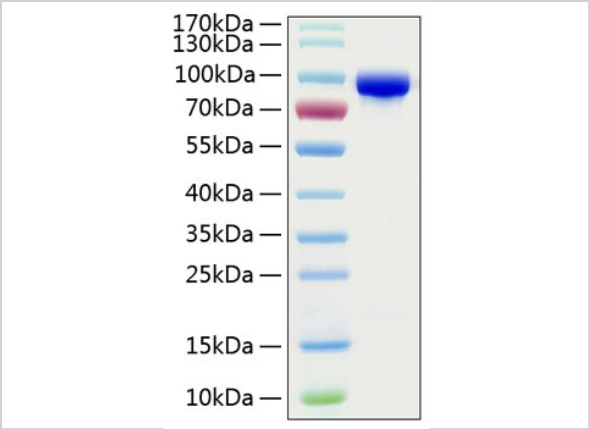
CATALOG NUMBER: 85-174

Specifications

Species	Human
Source Species	HEK293 cells
Fusion Tag	C-His
Tested Applications	Bioactivity Test, ELISA, Immunogen, SDS-PAGE, WB
Predicted Molecular Weight	76.02 kDa
Biological Activity	1.Measured in a serum-free cell proliferation assay using MCF-7 human breast cancer cells. The ED_{50} for this effect is 0.075-0.3 ng/mL. 2.Measured by its binding ability in a functional ELISA. Immobilized Recombinant human Transferrin at 2 μg/mL (100 μL/well) can bind Recombinant human TfR with a linear range of 4-17 ng/mL.

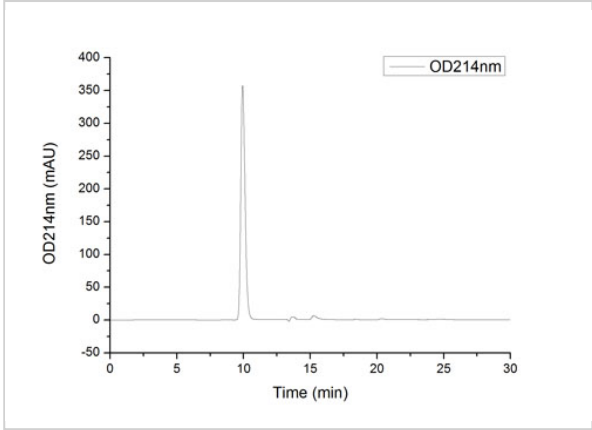
Properties

Purity	≥ 95 % as determined by SDS-PAGE;≥95 % as determined by HPLC.
Physical State	Lyophilized
Buffer	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.
Storage Conditions	Store at -20°C.Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.



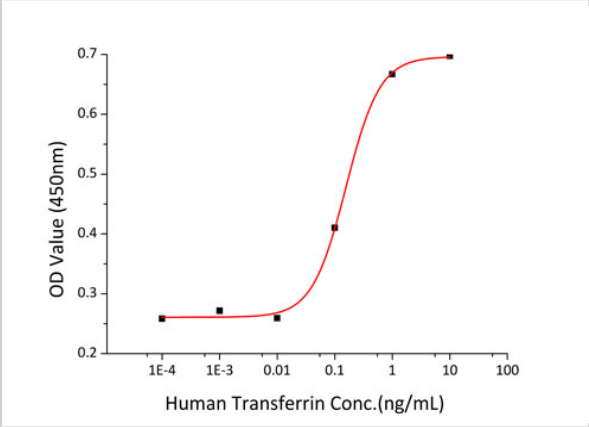
85-174_1

Recombinant Human Transferrin/TF Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



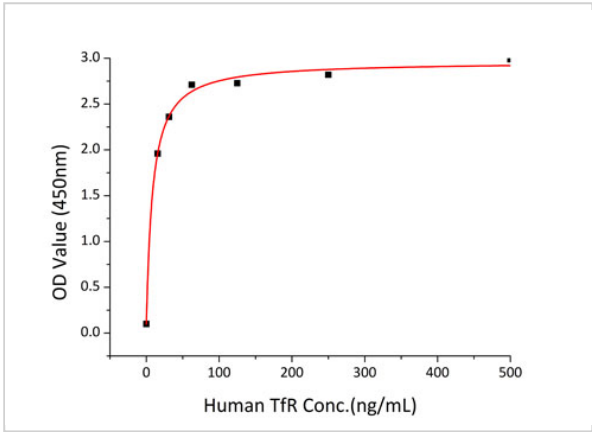
85-174_2

The purity of Human Transferrin Protein (Cat.85-174) was greater than 95% as determined by SEC-HPLC.



85-174_3

Recombinant Human Transferrin promotes the proliferation of MCF-7 human breast cancer cells. The ED_{50} for this effect is 0.075-0.3 ng/mL.



85-174_4

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

Disclaimer

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