

Human TfR, His Tag, CHO

Catalog Number	LDG096PHM
Package	5 µg / 20 µg / 100 µg / Customized package

For full product information, images and publications, please visit [our website](#).



Specifications

Species of Origin

Human

Affinity Tag

His Tag (N-term)

Purity

>95% as determined by SDS-PAGE analysis.

Activity

Measured by its ability to bind recombinant human Transferrin protein, with the ED50 being < 4 µg/mL when immobilized at 2 µg/mL

Mycoplasma

Not detected

Expression system

CHO

Buffer

Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Molecular weight

The protein has a calculated MW of 75.98 kDa. The protein migrates as 45-75 kDa under reducing condition (SDS-PAGE analysis).

Endotoxin level

<0.1 EU per 1 µg of the protein by the LAL method.

Form

Lyophilized

Background

Background

Transferrin receptor (TfR) is involved in iron uptake by mediating the endocytosis of transferrin-bound iron into cells, commonly overexpressed in cancers.

Synonyms

Transferrin receptor protein 1, TR, TfR, TfR1, Trfr, T9, p90, CD71

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Uniprot ID

P02786

Sequence Note

Cys89-Phe760

Instruction**Reconstitution**

It is recommended to reconstitute the lyophilized protein in sterile H₂O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

Stability & Storage

This product is stable after storage at:

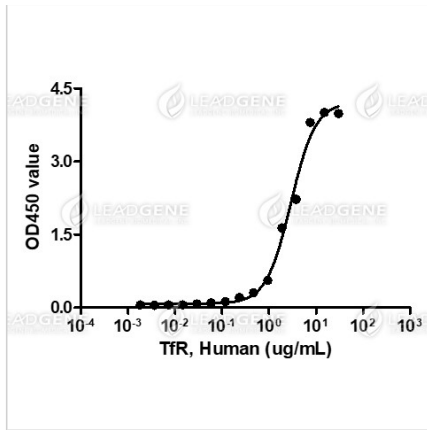
- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 1 month under sterile conditions after reconstitution.

Avoid repeated freeze/thaw cycles.

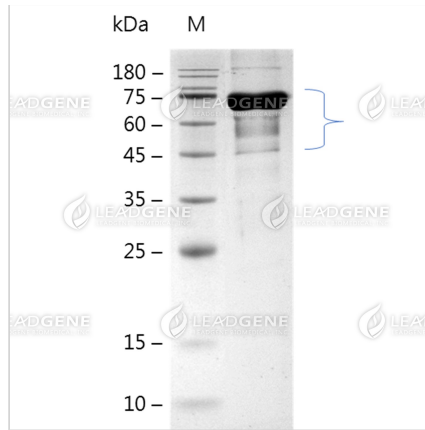
Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

Image



Human TfR Protein, His Tag, CHO (LDG096PHM) binds recombinant human Transferrin protein, with the ED50 being < 4 µg/mL when immobilized at 2 µg/mL



SDS-PAGE analysis of recombinant human TfR.

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