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Product Information

MemDX™ Antibody Discovery - Human Transferrin (20-698) Membrane Protein, Partial, -His tag

Cat. No.: **MP0505F**
This product is for research use only and is not intended for diagnostic use.

This membrane protein is Human Transferrin (20-698). It has been tested in SDS-PAGE, ELISA. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species
Human

Target Protein
Transferrin

Protein Length
ECD

Molecular Weight
The protein has a calculated MW of 76.0 kDa. The protein migrates as 75-100 kDa under reducing (R) condition (SDS-PAGE).

Sequence
AA Val 20 - Pro 698 (Accession # AAH59367).

Product Description

Activity
Yes

Application
SDS-PAGE, ELISA

Expression Systems
HEK293

Tag
His tag at the C-terminus

Protein Format
Soluble

Form

LYOPH

Reconstitution

Please see Certificate of Analysis for specific instructions.

Endotoxin

<1.0 EU/μg by the LAL method

Purity

>95% as determined by SDS-PAGE.

Buffer

Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.

Storage

Stored at lyophilized form at -20°C or lower. Avoid repeated freeze-thaw cycles.
The antigen can be stable for 12 months in lyophilized form after storage at -20°C to -80°C, 3 months under sterile coditions after reconstitution after storage at -80°C.

Target

Target Protein

Transferrin

Full Name

transferrin

Introduction

This gene encodes a glycoprotein with an approximate molecular weight of 76.5 kDa. It is thought to have been created as a result of an ancient gene duplication event that led to generation of homologous C and N-terminal domains each of which binds one ion of ferric iron. The function of this protein is to transport iron from the intestine, reticuloendothelial system, and liver parenchymal cells to all proliferating cells in the body. This protein may also have a physiologic role as granulocyte/pollen-binding protein (GPBP) involved in the removal of certain organic matter and allergens from serum.

Alternative Names

TFQTL1; PRO1557; PRO2086; HEL-S-71p; serotransferrin; beta-1 metal-binding globulin; epididymis secretory sperm binding protein Li 71p; siderophilin

Gene ID

7018

UniProt ID

P02787

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