

Product Information

MemDX™ Membrane Protein Human TF (Transferrin) Expressed in HEK293 for Antibody

Discovery, Partial (20-698aa)

Cat. No.: **MPX0127K**

This product is for research use only and is not intended for diagnostic use.

This product is a 76 kDa Human TF membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

TF

Protein Length

Partial (20-698aa)

Protein Class

Transporter

Molecular Weight

76 kDa

Sequence

VPDKTVRWCAVSEHEATKCQSFDRDHMKSVIPSDGPSVACVKKASYLDCIRAIANEADAVTLDAGLVYDAYLAPNNLKPVVAEFYG

Product Description

Expression Systems

HEK293

Tag

His tag at the C-terminus

Protein Format

Soluble

Form

Liquid

Endotoxin

< 1.0 EU per 1 µg

Purity

> 95 % SDS-PAGE.

Buffer

pH: 7.40, Constituents: PBS, 5% Trehalose

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

TF

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

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

Gene ID

[7018](#)

UniProt ID

[P02787](#)