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Product Information

MemDX™ Membrane Protein Human TF (Transferrin) Full Length

Cat. No.: **MPC1246K**
This product is for research use only and is not intended for diagnostic use.

This product is a 77 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
Full length

Protein Class
Transporter

Molecular Weight
77 kDa

Sequence
MRLAVGALLVCAVLGLCLAVPDKTVRWCAVSEHEATKCQSFRDHMKSVIP
SDGPSVACVKKASYLDCIRAIAANEADAVTLDAGLVYDAYLAPNNLKPVV
AEFYGSKEDPQTFYYAVAVVKKDSGFQMNQLRGKKSCHTGLGRSAGWNIP
IGLLYCDLPEPRKPLEKAVANFFSGSCAPCADGTDFPQLCQLCPGCGCST
LNQYFGYSGAFKCLKDGAGDVAFVKHSTIFENLANKADRDQYELLCLDNT
RKPVDEYKDCHLAQVPSHTVVARSMGGKEDLIWELLNQAQEHFGKDKSKE
FQLFSSPHGKDLLFKDSAHGFLKVPPRMDAKMYLGYEYVTAIRNLREGTC
PEAPTDECKPVKWCALSHHERLKCDEWSVNSVGKIECVSAETTEDCIAKI
MNGEADAMSLDGGFVYIAGKCGLVPVLAENYNKSDNCEDTPEAGYFAIAV
VKKSASDLTWDNLKGKKSCHTAVGRTAGWNIPMGLLYNKINHCRFDEFFS
EGCAPGSKKDSSLCKLCMGSGLNLCEPNNKEGYYGYTGAFRCLVEKGDVA
FVKHQTVPQNTGGKNPDPWAKNLNEKDYELLCLDGTRKPVEEYANCHLAR
APNHAVVTRKDKEACVHKILRQQQHLFGSNVTDCSGNFCLFRSETKDLLF
RDDTVCLAKLHDRNTYEKYLGEEYVKAVGNLRKCSTSSLLEACTFRRP

Product Description

Expression Systems
HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

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

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