

Product Information

MemDX™ Membrane Protein Human FLVCR2 (FLVCR heme transporter 2) for Antibody

Discovery

Cat. No.: **MP0502J**

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

This product is a 57.1 kDa Human FLVCR2 membrane protein expressed in HEK293T. 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

FLVCR2

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

57.1 kDa

TMD

12

Sequence

MVNEGPNQEESDDTPVPESALQADPSVSVHPSVSVHPSVSINPSVSVHPSSSAHPSALAQPSSGLAHPSSS
GPEDLSVIKVSRRRWAVLVFSCYSMCNSFQWIQYGSINNIFMHFYGVSAFAIDWLSMCYMLTYIPLLLP
VAWLLEKFGLRTIALTGSALNCLGAWVKLGSLKPHLPVTVVGQLICSAQVFILGMPASRIASVWFGANE
VSTACSVAVFGNQLGIAIGFLVPPVLVPNIEDRDELAHISIMFYIIGGVATLLLILVIIVFKEKPKYPP
SRAQSLSYALTSPDASYLGSIARLFKNLNFVLLVITYGLNAGAFYALSTLLNRMVIWHYPGEEVNAGRIG
LTIVIAGMLGAVISGIWLDKSKTYKETTLVVYIMTLVGMVVYFTLNLGHLWVVFITAGTMGFFMTGYLP
LGFEFAVELTYPESEGISSGLLNISAQVFGIIFTISQGGIIDNYGKPGNIFLCVFLTGAALTAFIKAD
LRRQKANKETLENKLQEEEEESNTSKVPTAVSEDHL

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

FLVCR2

Full Name

FLVCR heme transporter 2

Introduction

This gene encodes a member of the major facilitator superfamily. The encoded transmembrane protein is a calcium transporter. Unlike the related protein feline leukemia virus subgroup C receptor 1, the protein encoded by this locus does not bind to feline leukemia virus subgroup C envelope protein. The encoded protein may play a role in development of brain vascular endothelial cells, as mutations at this locus have been associated with proliferative vasculopathy and hydranencephaly-hydrocephaly syndrome. Alternatively spliced transcript variants have been described.

Alternative Names

CCT; EPV; PVHH; MFSD7C; SLC49A2; C14orf58; FLVCRL14q

Gene ID

[55640](#)

UniProt ID

[Q9UPI3](#)