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Product Information

MemDX™ Membrane Protein Human ERVV-2 (Endogenous retrovirus group V member 2, envelope) Full Length

Cat. No.: **MPC4886K**
This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human ERVV-2 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
ERVV-2

Protein Length
Full length

Protein Class
Receptor

TMD
2

Sequence
MTEKFLFLYLSLLPMPLLSQAQWNENSLVSFSKIIASGNHLSNCWICHNF
ITRSSSYQYILVRNFSLNLTFGSGIPEGQHKSVPLQVSLANSAHQVPCLD
LTPPFNQSSKTSFYFYNCSSLNQTCCPCPEGHCDRKNTSEEGFPSPTIHP
MSFSPAGCHPNLTHWCPAKQMNDYRDKSPQNRCAAWEGKELITWRVLYSL
PKAHTVPTWPKSTVPLGGPLSPACNQTIPAGWKSQLHKWFDSHIPRWACT
PPGYVFLCGPQKNKLPFDGSPKITYSTPPVANLYTCINNIQHTGECAVGL
LGPRGIGVTIYNTTQPRQKRALGLILAGMGAAIGMIAPWGGFTYHDVTLR
NLSRQIDNIAKSTRDSISKLKASIDSLANVVMDNRLALDYLLAEQGGVCA
VINKSCCVYVNNSGAIEEDIKKIYDEATWLHDFGKGGASARAIWEAVKSA
LPSLNWFVPLLGPATVILLLFLFGPCFFNLLIKCVSSRIKQFHMKSPQME
RYQLSVIGGPSTYKHISPLDASGQRFRETMEEFSL

Product Description

Expression Systems
HEK293

Tag
Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

ERVV-2

Full Name

Endogenous retrovirus group V member 2, envelope

Introduction

Many different human endogenous retrovirus (HERV) families are expressed in normal placental tissue at high levels, suggesting that HERVs are functionally important in reproduction. This gene is part of an HERV provirus on human chromosome 19 that has inactivating mutations in the gag and pol genes. This envelope glycoprotein gene appears to have been selectively preserved. The gene's protein product is expressed in the placenta and acts as a syncytin in Old World monkeys, but has lost the fusogenic activity in humans and other primate lineages.

Alternative Names

ERVV-2; ENVV2; HERV-V2; endogenous retrovirus group V member 2 Env polyprotein; HERV-V_19q13.41 provirus ancestral Env polyprotein 2; endogenous retrovirus HSV2; endogenous retrovirus group V, member 2; envelope glycoprotein ENVV2; envelope protein ENVV2; Endogenous retrovirus group V member 2, envelope

Gene ID

100271846

UniProt ID

B6SEH9