

Product Information

MemDX™ Membrane Protein Human ACKR3 (Atypical chemokine receptor 3) Full Length

Cat. No.: **MPC1037K**

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

This product is a 41.4 kDa Human ACKR3 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

ACKR3

Protein Length

Full length

Protein Class

GPCR

Molecular Weight

41.4 kDa

TMD

7

Sequence

MDLHLFDYSEPGNFSDISWPCNSSDCIVVDTVMCPNMPNKSVELLYTSLFI
YIFIVIGMIANSVVVVVNIQAKTTGYDTHCYILNLAIDLWVLTIPVW
VVSLVQHNQWPMGELTCKVTHLIFSINLFGSIFFLT CMSVDRYLSITYFT
NTPSSRKKMVRVRVCILVWLLAFCVSLPDTYYLKT VTSASNNETYCRSFY
PEHSIKEWLIGMELVSVVLGFAVPFSIIAVFYFLLARASASSDQEKHSS
RKIIFSYVVVFLVCWLPYHVAVLLDIFSILHYIPFTCRLEHALFTALHVT
QCLSLVHCCVNPVLYSFINRNYRYELMKAFIFKYS AKTGLTKLIDASRV
SETEYSALEQSTK

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**

ACKR3

Full Name

Atypical chemokine receptor 3

Introduction

This gene encodes a member of the G-protein coupled receptor family. Although this protein was earlier thought to be a receptor for vasoactive intestinal peptide (VIP), it is now considered to be an orphan receptor, in that its endogenous ligand has not been identified. The protein is also a coreceptor for human immunodeficiency viruses (HIV). Translocations involving this gene and HMGA2 on chromosome 12 have been observed in lipomas.

Alternative Names

ACKR3; RDC1; CXCR7; RDC-1; CMKOR1; CXC-R7; CXCR-7; GPR159; C-X-C chemokine receptor type 7; G protein-coupled receptor; G-protein coupled receptor 159; G-protein coupled receptor RDC1 homolog; chemokine (C-X-C motif) receptor 7; chemokine orphan receptor 1; Atypical chemokine receptor 3

Gene ID

[57007](#)

UniProt ID

[P25106](#)