

Product Information

MemDX™ Membrane Protein Human ACKR2 (Atypical chemokine receptor 2) Full Length

Cat. No.: **MPC1036K**

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

This product is a 43.4 kDa Human ACKR2 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

ACKR2

Protein Length

Full length

Protein Class

GPCR

Molecular Weight

43.4 kDa

TMD

7

Sequence

MAATASPQPLATEDADSENSSFYYYDYLDEVAFMLCRKDAVVSFGKVFLP
VFYSLIFVLGLSGNLLLLMVLLRYVPRRRMVEIYLLNLAISNLLFLVTLP
FWGISVAWHWVFGSFLCKMVSTLYTINFYSGIFFISCMISLDKYLEIVHAQ
PYHRLRTRAKSLLLATIVWAVSLAVSIPDMVFVQTHENPKGWNCHADFG
GHGTIWKLFLRFQQNLLGFLPLLAMIFFYSRIGCVLVRLRPAGQGRALK
IAAALVVAFFVLWFPYNLTFLHTLLDLQVFGNCEVSQHLDYALQVTEI
AFLHCCFSPILYAFSSHRFRQYLKAFLAAVLGWHLAPGTAQASLSSCSES
SILTAQEEMTGMNDLGERQSENYPNKEDVGNKSA

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**

ACKR2

Full Name

Atypical chemokine receptor 2

Introduction

This gene encodes a beta chemokine receptor, which is predicted to be a seven transmembrane protein similar to G protein-coupled receptors. Chemokines and their receptor-mediated signal transduction are critical for the recruitment of effector immune cells to the inflammation site. This gene is expressed in a range of tissues and hemopoietic cells. The expression of this receptor in lymphatic endothelial cells and overexpression in vascular tumors suggested its function in chemokine-driven recirculation of leukocytes and possible chemokine effects on the development and growth of vascular tumors. This receptor appears to bind the majority of beta-chemokine family members; however, its specific function remains unknown. This gene is mapped to chromosome 3p21.3, a region that includes a cluster of chemokine receptor genes.

Alternative Names

ACKR2; D6; hD6; CCR9; CCBP2; CCR10; CMKBR9; C-C chemokine receptor D6; CC-chemokine-binding receptor JAB61; chemokine (C-C motif) receptor 9; chemokine (C-C) receptor 9; chemokine receptor CCR-10; chemokine receptor CCR-9; chemokine receptor D6; chemokine-binding protein 2; chemokine-binding protein D6; Atypical chemokine receptor 2

Gene ID

[1238](#)

UniProt ID

[O00590](#)