

Product Information

MemDX™ Membrane Protein Human ACKR2 (Atypical chemokine receptor 2) without tag for Antibody Discovery

Cat. No.: **MP0162X**

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 *in vitro* wheat germ expression system. 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

Molecular Weight

43.4 kDa

TMD

7

Sequence

MAATASPQPLATEDADSENSSFYYDYLDVAFMLCRKDAVVSFGKVFLPVFYSLIFVLGLSGNLLLLMVLLRYVPRRRMVEIYLLNL

Product Description

Application

Antibody Production

Expression Systems

in vitro wheat germ expression system

Tag

NO

Protein Format

Liposome

Form

Liquid

Purification

None

Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol

Storage

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

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

CCR10; CCR9; CMKBR9; D6; MGC126678; MGC138250; hD6;

Gene ID

[1238](#)

UniProt ID

[O00590](#)