

Product Information

MemDX™ Membrane Protein Human ACKR3 (Atypical chemokine receptor 3) expressed in E.coli for Antibody Discovery

Cat. No.: **MP1324J**

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

This product is a 57.5 kDa Human ACKR3 membrane protein expressed in E.coli. 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

57.5 kDa

TMD

7

Sequence

MDLHLFDYSEPGNFSDISWPCNSSDCIVVDTVMCPNMPNKSVELLYTLFSFIYIFIVIGMIANSVVVVWVNIQAKTTGYDTHCYILNLAID

Product Description

Expression Systems

E.coli

Tag

N-6xHis-SUMO

Form

Liquid or Lyophilized powder

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration).

Purity

>90% as determined by SDS-PAGE

Buffer

Liquid: Tris/PBS-based buffer, 5%-50% glycerol

Lyophilized powder: Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

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

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; atypical chemokine receptor 3; C X C chemokine receptor type 7; C-X-C chemokine receptor type 7; Chemokine (C-X-C motif) receptor 7; Chemokine C X C motif receptor 7; Chemokine orphan receptor 1; CMKOR1; CXC R7; CXC-R7; CXCR 7; CXCR-7; CXCR7; CXCR7_HUMAN; G protein coupled receptor 159; G protein coupled receptor; G protein coupled receptor RDC1 homolog; G-protein coupled receptor 159; G-protein coupled receptor RDC1 homolog; GPCR RDC1; GPR159; GPRN1; RDC 1; RDC-1; RDC1

Gene ID

[57007](#)

UniProt ID

[P25106](#)