

Product Information

MemDX™ Membrane Protein Human ACKR1 (Atypical chemokine receptor 1 (Duffy blood group)) without tag for Antibody Discovery

Cat. No.: **MP0293X**

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

This product is a 35.6 kDa Human ACKR1 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

ACKR1

Protein Length

Full-length

Molecular Weight

35.6 kDa

TMD

7

Sequence

MGNCLHRAELSPSTENSSQLDFEDVWNSSYGVNDSFPDGDYGANLEAAAPCHSCNLLDDSA LPFFILTSVLGILASSTVLFMLFRPL

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**

ACKR1

Full Name

Atypical chemokine receptor 1 (Duffy blood group)

Introduction

The protein encoded by this gene is a glycosylated membrane protein and a non-specific receptor for several chemokines. The encoded protein is the receptor for the human malarial parasites *Plasmodium vivax* and *Plasmodium knowlesi*. Polymorphisms in this gene are the basis of the Duffy blood group system. Two transcript variants encoding different isoforms have been found for this gene

Alternative Names

CCBP1; CD234; Dfy; FY; GPD; GpFy; WBCQ1; Duffy antigen/chemokine receptor; Duffy blood group antigen; Fy glycoprotein; OTTHUMP00000035293; OTTHUMP00000060081; glycoprotein D

Gene ID

[2532](#)

UniProt ID

[Q16570](#)