

Product Information

NativeExtract™ Human ACKR3 Membrane Protein (Full length, Super Nanodisc)

Cat. No.: **S01YF-1023-KX399**

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

This product is recombinant Human ACKR3 protein in native nanodisc form. The synthetic compound we developed can solubilize the ACKR3 protein from membrane while retaining the native structure.

Product Specifications

Host Species

Human

Target Protein

ACKR3

Protein Length

Full length

Molecular Weight

41.5 kDa

Sequence

Accession # [P25106](#)

Product Description

Activity

Yes

Application

ELISA; SPR Binding Assays; Phage Display Screening; Immunity; Functional Assays

Expression Systems

HEK293 expression system

Tag

Flag tag at the C-terminus

Protein Format

Native Nanodisc

Form

Liquid

Buffer

20 mM Tris-HCl, 150 mM NaCl, pH 8.0

Storage

The product should be stored at -20°C to -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; RDC1; CXCR7; RDC-1; CMKOR1; CXCR7; 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](#)