

# Product Information

## NativeExtract™ Human ACKR2 Membrane Protein (Full length, Super Nanodisc)

Cat. No.: **S01YF-1023-KX337**

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

This product is recombinant Human ACKR2 protein in native nanodisc form. The synthetic compound we developed can solubilize the ACKR2 protein from membrane while retaining the native structure.

### Product Specifications

#### Host Species

Human

#### Target Protein

ACKR2

#### Protein Length

Full length

#### Molecular Weight

43.4kDa

#### Sequence

Accession # [O00590](#)

### 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**

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**

[Q00590](#)