

# Product Information

## MemDX™ Membrane Protein Human ACKR2 (Atypical chemokine receptor 2) with GST-tag for Antibody Discovery

Cat. No.: **MP0163X**

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

This product is a 67.98 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

67.98 kDa

#### TMD

7

#### Sequence

MAATASPQPLATEDADSENSSFYYDYLDVAFMLCRKDAVVSFGKVFLPVFYSLIFVLGLSGNLLLLMVLLRYVPRRRMVEIYLLNL

### Product Description

#### Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

#### Expression Systems

*in vitro* wheat germ expression system

#### Tag

GST-tag at N-terminal

#### Form

Liquid

#### Purification

Glutathione Sepharose 4 Fast Flow

**Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

**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**

[Q00590](#)