

Product Information

MemDX™ Membrane Protein Human ADIPOR2 (Adiponectin receptor 2) Full Length

Cat. No.: **MPC1146K**

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

This product is a 43.8 kDa Human ADIPOR2 membrane protein expressed in Baculovirus/Insect 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

ADIPOR2

Protein Length

Full length

Protein Class

Receptor

Molecular Weight

43.8 kDa

TMD

7

Sequence

MNEPTENRLGCSRTPEPDIRLRKGHQLDGTRRGDNDSHQGDLEPILEASV
LSSHHKKSSEEHEYSDAAPQEDEGFMGMSPLLQAHAMEKMEFVCKVWE
GRWRVIPHVDVLPDWLKNDNDFLLHGHRPPMPSFRACFKSIFRIHTETGNIW
THLLGCVFFLCLGIFYMFRPNISFVAPLQEKKVFGFLFLGAILCLFSWL
FHTVYCHSEGVSRFLSKLDYSGIALLIMGSFVPWLYYSFYCNPQPCFIYL
IVICVLGIAAIIVSQWDMFATPQYRGVRAGVFLGLGLSGIPTLHYVISE
GFLKAATIGQIGWLMMLMASLYITGAALYAARIPEFFPGKCDIWFHSHQL
FHIFVVAGAFVHFHGVSNLQEFRFMIGGCSEEDAL

Product Description

Expression Systems

Baculovirus/Insect expression system

Tag

Flag tag at N-terminal

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

ADIPOR2

Full Name

Adiponectin receptor 2

Introduction

The adiponectin receptors, ADIPOR1 (MIM 607945) and ADIPOR2, serve as receptors for globular and full-length adiponectin (MIM 605441) and mediate increased AMPK (see MIM 602739) and PPAR-alpha (PPARA; MIM 170998) ligand activities, as well as fatty acid oxidation and glucose uptake by adiponectin.

Alternative Names

ADIPOR2; PAQR2; ACDCR2; adiponectin receptor protein 2; progestin and adipoQ receptor family member 2; progestin and adipoQ receptor family member II; Adiponectin receptor 2

Gene ID

[79602](#)

UniProt ID

[Q86V24](#)