

Product Information

MemDX™ Membrane Protein Human APLNR (Apelin receptor expressed in *in vitro* wheat germ expression system) for Antibody Discovery

Cat. No.: **MP0046X**

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

This product is a 41.8 kDa Human APLNR 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

APLNR

Protein Length

Full-length

Molecular Weight

41.8 kDa

TMD

7

Sequence

MEEGGDFDNYYGADNQSECEYTDWKSSGALIPAIYMLVFLLGTTGNGLVLWTVFRSSREKRRSADIFIASLAVADLTFVVTLPPLWAT

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**

APLNR

Full Name

Apelin receptor

Introduction

This gene encodes a member of the G protein-coupled receptor gene family. The encoded protein is related to the angiotensin receptor, but is actually an apelin receptor that inhibits adenylate cyclase activity and plays a counter-regulatory role against the pressure action of angiotensin II by exerting hypertensive effect. It functions in the cardiovascular and central nervous systems, in glucose metabolism, in embryonic and tumor angiogenesis and as a human immunodeficiency virus (HIV-1) coreceptor. Two transcript variants resulting from alternative splicing have been identified

Alternative Names

AGTRL1; APJ; APJR; FLJ90771; MGC45246; APJ (apelin) receptor,angiotensin II receptor-like 1,angiotensin receptor-like 1

Gene ID

[187](#)

UniProt ID

[P35414](#)