

Product Information

MemDX™ Membrane Protein Human PAQR7 (Progestin and adipoQ receptor family member 7) for Antibody Discovery

Cat. No.: **MP1004X**

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

This product is a 66.1 kDa Human PAQR7 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

PAQR7

Protein Length

Full-length

Molecular Weight

66.1 kDa

TMD

7

Sequence

MAMAQKLSHLLPSLRQVIQEPQLSLQPEPVFTVDRAEVPPLFWKPYIYAGYRPLHQTWRFYFRTLQFQQHNEAVNVWTHLLAALVLL

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**

PAQR7

Full Name

Progesterin and adipoQ receptor family member 7

Introduction

Plasma membrane progesterone (P4) receptor coupled to G proteins. Seems to act through a G(i) mediated pathway. May be involved in oocyte maturation. Involved in neurosteroid inhibition of apoptosis. Also binds dehydroepiandrosterone (DHEA), pregnanolone, pregnenolone and allopregnanolone.

Alternative Names

mSR; MPRA; PGLP; membrane progesterin receptor alpha; 2310021M12Rik; mPR alpha; membrane progesterone P4 receptor alpha; membrane progesterone receptor alpha; progesterone and adipoQ receptor family member 7; progesterin and adipoQ receptor family member VII

Gene ID

[164091](#)

UniProt ID

[Q86WK9](#)