

Product Information

MemDX™ Membrane Protein Human P2RY14 (Purinergic receptor P2Y14) Full Length

Cat. No.: **MPC0218K**

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

This product is a 38.9 kDa Human P2RY14 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

P2RY14

Protein Length

Full length

Protein Class

GPCR

Molecular Weight

38.9 kDa

TMD

7

Sequence

MINSTSTQPPDESCSQNLLITQQIIPVLYCMVFIAGILLNGVSGWIFFYV
PSSKSFIIYLKNIIVADFVMSLTFFPKILGDSGLGPWQLNVFVCRVSAVL
FYVNMYSIVFFGLISFDRIYKIVKPLWTSFIQSVSYSKLLSVIVWMLML
LLAVPNIILTNQSVREVTQIKCIELKSELGRKWHKASNYIFVAIFWIVFL
LLIVFYTAITKKIFKSHLKSSRNSTSVKKKSSRNIFSIVFVFFVCFVPYH
IARIPYTKSQTEAHYSCQSKEILRYMKEFTLLLAAANVCLDPIIYFFLCQ
PFREILCKKLHIPLKAQNDLDSRIKRGNTTLESTDTL

Product Description

Expression Systems

Baculovirus/Insect expression system

Tag

Based on specific requirements

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**

P2RY14

Full Name

Purinergic receptor P2Y14

Introduction

The product of this gene belongs to the family of G-protein coupled receptors, which contains several receptor subtypes with different pharmacological selectivity for various adenosine and uridine nucleotides. This receptor is a P2Y purinergic receptor for UDP-glucose and other UDP-sugars coupled to G-proteins. It has been implicated in extending the known immune system functions of P2Y receptors by participating in the regulation of the stem cell compartment, and it may also play a role in neuroimmune function. Two transcript variants encoding the same protein have been identified for this gene.

Alternative Names

P2Y14; BPR105; GPR105; P2Y purinoceptor 14; G protein coupled receptor for UDP-glucose; G-protein coupled receptor 105; P2Y(14) receptor; P2Y14 receptor; UDP-glucose receptor; purinergic receptor P2Y, G-protein coupled, 14; P2RY14; Purinergic receptor P2Y14

Gene ID

[9934](#)

UniProt ID

[Q15391](#)