

Product Information

MemDX™ Membrane Protein Human PTGER2 (Prostaglandin E receptor 2) Full Length

Cat. No.: **MPC0228K**

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

This product is a 39.7 kDa Human PTGER2 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

PTGER2

Protein Length

Full length

Protein Class

GPCR

Molecular Weight

39.7 kDa

TMD

7

Sequence

MGNASNDSQSEDCETRQWLPPGESPAISSVMFSAGVLGNLIALALLARRW
RGDVGCSAGRRSSLFHVLTVELVFTDLLGTCLISPVVLASYARNQTLV
ALAPESRACTYFAFAMTFFSLATMLMLFAMALERYLSIGHPYFYQRRVSR
SGGLAVLPVIYAVSLLFCSLPLLDYGQYVQYCPGTWCFIRHGRTAYLQLY
ATLLLLLIVSVLACNFSVILNLIRMHRRSRRSRCGPSLGSGRGGPGARRR
GERVSM AEETDHLILLAIMTITFAVCSLPFTIFAYMNETSSRKEKWDLQA
LRFLSINSIIDPWVFAILRPPVLRMLRMSVLCRCISLRTQDATQTSCSTQS
DASKQADL

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**

PTGER2

Full Name

Prostaglandin E receptor 2

Introduction

This gene encodes a receptor for prostaglandin E2, a metabolite of arachidonic acid which has different biologic activities in a wide range of tissues. Mutations in this gene are associated with aspirin-induced susceptibility to asthma.

Alternative Names

EP2; prostaglandin E2 receptor EP2 subtype; PGE receptor EP2 subtype; PGE2 receptor EP2 subtype; prostaglandin E receptor 2 (subtype EP2), 53kD; prostaglandin E receptor 2 (subtype EP2), 53kDa; prostanoid EP2 receptor; PTGER2; Prostaglandin E receptor 2

Gene ID

[5732](#)

UniProt ID

[P43116](#)