

Product Information

MemDX™ Membrane Protein Human PTGER2 (Prostaglandin E receptor 2) with N-GST tag for Antibody Discovery

Cat. No.: **MP1055X**

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

This product is a 66.2 kDa Human PTGER2 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

PTGER2

Protein Length

Full-length

Molecular Weight

66.2 kDa

TMD

7

Sequence

MGNASNDSQSEDCETRQWLPPGESPAISSVMFSAGVLGNLIALALLARRWRGDVGCSAGRSSLFHLVTELVFTDLLGTCLIS

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, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5

Storage

Store at +4°C for up to one week or several months at -80°C

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

Gene ID

[5732](#)

UniProt ID

[P43116](#)