

Product Information

MemDX™ Membrane Protein Human PTGER2 (Prostaglandin E receptor 2) Expressed in *vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX3444K**

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

This product is a Human PTGER2 membrane protein expressed *in vitro* *E.coli* 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

TMD

7

Sequence

MGNASNDSQSEDCETRQWLPPGESPAISSVMFSAGVLGNLIALALLARRWRGDVGCSAGRSSLFHVLTTELVFTDLLGTCLIS

Product Description

Expression Systems

in vitro *E.coli* expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

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

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

Gene ID

[5732](#)

UniProt ID

[P43116](#)