

Product Information

NativeExtract™ Human PTGER2 Membrane Protein (Full length, Super Nanodisc)

Cat. No.: **S01YF-1023-KX398**

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

This product is recombinant Human PTGER2 protein in native nanodisc form. The synthetic compound we developed can solubilize the PTGER2 protein from membrane while retaining the native structure.

Product Specifications

Host Species

Human

Target Protein

PTGER2

Protein Length

Full length

Molecular Weight

39.6 kDa

Sequence

Accession # [P43116](#)

Product Description

Activity

Yes

Application

ELISA; SPR Binding Assays; Phage Display Screening; Immunity; Functional Assays

Expression Systems

HEK293 expression system

Tag

Flag tag at the C-terminus

Protein Format

Native Nanodisc

Form

Liquid

Buffer

20 mM Tris-HCl, 150 mM NaCl, pH 8.0

Storage

The product should be stored at -20°C to -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; PTGER2; Prostaglandin E receptor 2

Gene ID

[5732](#)

UniProt ID

[P43116](#)