

# 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](#)