

Product Information

NativeExtract™ Human GPR39 Membrane Protein (Full length, Super Nanodisc)

Cat. No.: **S01YF-1023-KX205**

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

This product is recombinant Human GPR39 protein in native nanodisc form. The synthetic compound we developed can solubilize the GPR39 protein from membrane while retaining the native structure.

Product Specifications

Host Species

Human

Target Protein

GPR39

Protein Length

Full length

Molecular Weight

51.3kDa

Sequence

Accession # [O43194](#)

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**

GPR39

Full Name

G protein-coupled receptor 39

Introduction

This gene is a member of the ghrelin receptor family and encodes a rhodopsin-type G-protein-coupled receptor (GPCR). The encoded protein is involved in zinc-dependent signaling in epithelial tissue in intestines, prostate and salivary glands. The protein may also be involved in the pathophysiology of depression.

Alternative Names

G-protein coupled receptor 39; GPR39; G protein-coupled receptor 39

Gene ID

[2863](#)

UniProt ID

[O43194](#)