

Product Information

NativeExtract™ Human GPR34 Membrane Protein (Full length, Super Nanodisc)

Cat. No.: **S01YF-1023-KX208**

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

This product is recombinant Human GPR34 protein in native nanodisc form. The synthetic compound we developed can solubilize the GPR34 protein from membrane while retaining the native structure.

Product Specifications

Host Species

Human

Target Protein

GPR34

Protein Length

Full length

Molecular Weight

43.9kDa

Sequence

Accession # [Q9UPC5](#)

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**

GPR34

Full Name

G protein-coupled receptor 34

Introduction

G protein-coupled receptors (GPCRs), such as GPR34, are integral membrane proteins containing 7 putative transmembrane domains (TMs). These proteins mediate signals to the interior of the cell via activation of heterotrimeric G proteins that in turn activate various effector proteins, ultimately resulting in a physiologic response.

Alternative Names

LYPSR1; probable G-protein coupled receptor 34; GPR34; G protein-coupled receptor 34

Gene ID

[2857](#)

UniProt ID

[Q9UPC5](#)