

Product Information

NativeExtract™ Human GPR182 Membrane Protein (Full length, Super Nanodisc)

Cat. No.: **S01YF-1023-KX228**

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

This product is recombinant Human GPR182 protein in native nanodisc form. The synthetic compound we developed can solubilize the GPR182 protein from membrane while retaining the native structure.

Product Specifications

Host Species

Human

Target Protein

GPR182

Protein Length

Full length

Molecular Weight

45.3kDa

Sequence

Accession # [O15218](#)

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**

GPR182

Full Name

G protein-coupled receptor 182

Introduction

Adrenomedullin is a potent vasodilator peptide that exerts major effects on cardiovascular function. This gene encodes a seven-transmembrane protein that belongs to the family 1 of G-protein coupled receptors. Studies of the rat counterpart suggest that the encoded protein may function as a receptor for adrenomedullin.

Alternative Names

AMR; 7TMR; ADMR; AM-R; G10D; L1-R; gamrh; hrhAMR; G-protein coupled receptor 182; adrenomedullin receptor; GPR182; G protein-coupled receptor 182

Gene ID

[11318](#)

UniProt ID

[O15218](#)