

# Product Information

## NativeExtract™ Human GPR78 Membrane Protein (Full length, Super Nanodisc)

Cat. No.: **S01YF-1023-KX196**

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

This product is recombinant Human GPR78 protein in native nanodisc form. The synthetic compound we developed can solubilize the GPR78 protein from membrane while retaining the native structure.

### Product Specifications

#### Host Species

Human

#### Target Protein

GPR78

#### Protein Length

Full length

#### Molecular Weight

39.3kDa

#### Sequence

Accession # [Q96P69](#)

### 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**

GPR78

**Full Name**

G protein-coupled receptor 78

**Introduction**

The protein encoded by this gene belongs to the G protein-coupled receptor family, which contain 7 transmembrane domains and transduce extracellular signals through heterotrimeric G proteins. This is an orphan receptor, which displays significant level of constitutive activity. Association analysis shows preliminary evidence for the involvement of this gene in susceptibility to bipolar affective disorder and schizophrenia. Alternatively spliced transcript variants have been found for this gene.

**Alternative Names**

G-protein coupled receptor 78; UNQ5925; PRO19818; GPR78; G protein-coupled receptor 78

**Gene ID**

[27201](#)

**UniProt ID**

[Q96P69](#)