

# Product Information

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

Cat. No.: **S01YF-1023-KX295**

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

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

### Product Specifications

#### Host Species

Human

#### Target Protein

CCKAR

#### Protein Length

Full length

#### Molecular Weight

47.8kDa

#### Sequence

Accession # [P32238](#)

### 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**

CCKAR

**Full Name**

Cholecystokinin A receptor

**Introduction**

This gene encodes a G-protein coupled receptor that binds non-sulfated members of the cholecystokinin (CCK) family of peptide hormones. This receptor is a major physiologic mediator of pancreatic enzyme secretion and smooth muscle contraction of the gallbladder and stomach. In the central and peripheral nervous system this receptor regulates satiety and the release of beta-endorphin and dopamine.

**Alternative Names**

CCK-A; CCK1R; CCKRA; CCK1-R; CCK-A receptor; CCK-AR; cholecystokinin type-A receptor; cholecystokinin-1 receptor; cholecystokinin receptor type A; CCKAR; Cholecystokinin A receptor

**Gene ID**

[886](#)

**UniProt ID**

[P32238](#)