

Product Information

MemDX™ Membrane Protein Human CCKAR (Cholecystokinin A receptor) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX3565K**

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

This product is a Human CCKAR membrane protein expressed *in vitro* *E.coli* expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

CCKAR

Protein Length

Full Length

Protein Class

GPCR

TMD

7

Sequence

MDVVDSELLVNGSNITPPCELGLENETLFCLDQPRPSKEWQPAVQILLYSLIFLLSVLGNTLVITVLIRNKRMRVTNIFLLSLAVSDLML

Product Description

Expression Systems

in vitro *E.coli* expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

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

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

Gene ID

[886](#)

UniProt ID

[P32238](#)