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Product Information

MemDX™ Membrane Protein Human CCKAR (Cholecystokinin A receptor) Full Length

Cat. No.: **MPC0046K**
This product is for research use only and is not intended for diagnostic use.

This product is a 47.8 kDa Human CCKAR membrane protein expressed in HEK293. 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

Molecular Weight
47.8 kDa

TMD
7

Sequence
MDVVDSLLVNGSNITPPCELGLENETLFCLDQPRPSKEWQPAVQILLYSL
IFLLSVLGNTLVITVLIRNKRMRTVTNIFLLSLAVSDLMLCLFCMPFNLI
PNLLKDFIFGSAVCKTTTYFMGTSVSVSTFNLVAISLERYGAICKPLQSR
VWQTKSHALKVIAATWCLSFTIMTPYPIYSNLVPFTKNNNQTANMCRFLL
PNDVMQQSWHTFLLLILFLIPGIVMMVAYGLISLELYQGIKFEASQKKSA
KERKPSTTSSGKYEDSDGCYLQKTRPPRKLELRQLSTGSSSRANRIRSNS
SAANLMAKKRVIRMLIVIVVLFFLCWMPIFSANAWRAYDTASAERRLSGT
PISFILLLSYTSSCVNPIIYCFMNKRFRLGFMATFPCCPNPGPPGARGEV
GEEEEGGTTGASLSRFSYSHMSASVPPQ

Product Description

Expression Systems
HEK293

Tag
Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

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

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

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