

Product Information

MemDX™ Membrane Protein Human HCAR1 (Hydroxycarboxylic acid receptor 1) Expressed in *vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX3403K**

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

This product is a Human HCAR1 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

HCAR1

Protein Length

Full Length

Protein Class

GPCR

TMD

7

Sequence

MYNGSCCRIEGDTISQVMPPLLIVAFVLGALGNGVALCGFCFHMKTWKPSTVYLFNLAVADFLMICLPFRTDYYLRRRHAFGDP

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

HCAR1

Full Name

Hydroxycarboxylic acid receptor 1

Introduction

G protein-coupled receptors (GPCRs, or GPRs), such as GPR81, contain 7 transmembrane domains and transduce extracellular signals through heterotrimeric G proteins.

Alternative Names

HCAR1; HCA1; GPR81; LACR1; FKSG80; GPR104; TAGPCR; TA-GPCR; G protein-coupled receptor 104; G-protein coupled receptor 81; T-cell activation G protein-coupled receptor; hydroxy-carboxylic acid receptor 1; lactate receptor 1; Hydroxycarboxylic acid receptor 1

Gene ID

[27198](#)

UniProt ID

[Q9BXC0](#)