

Product Information

MemDX™ Membrane Protein Human HCAR1 (Hydroxycarboxylic acid receptor 1) Full

Length

Cat. No.: **MPC0192K**

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

This product is a 39.2 kDa Human HCAR1 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

HCAR1

Protein Length

Full length

Protein Class

GPCR

Molecular Weight

39.2 kDa

TMD

7

Sequence

MYNGSCCRIEGDTISQVMPPLLIVAFVLGALGNGVALCGFCFHMKTWKPS
TVYLFNLAVADFLLMICLPFRTDYYLRRRHWAFGDIPCRVGLFTLAMNRA
GSIVFLTVVAADRYFKVVHPHHAVNTISTRVAAGIVCTLWALVILGTVYL
LLENHLCVQETAVSCSFIMESANGWHDIMFQLEFFMPLGIILFCSEKIV
WSLRRRQQLARQARMKKATRFIMVVAIVFITCYLPSVSARLYFLWTVPS
ACDPSVHGALHITLSFTYMNSMLDPLVYYFSSPSFPKFYNKLKICSLKPK
QPGHSKTQRPEEMPISNLGRRSCISVANSFQSQSDGQWDPHIVEWH

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**

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

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; HCAR1; Hydroxycarboxylic acid receptor 1

Gene ID

[27198](#)

UniProt ID

[Q9BXC0](#)