

Product Information

MemDX™ Membrane Protein Human GPR55 (G protein-coupled receptor 55) Full Length

Cat. No.: **MPC0169K**

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

This product is a 36.6 kDa Human GPR55 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

GPR55

Protein Length

Full length

Protein Class

GPCR

Molecular Weight

36.6 kDa

TMD

7

Sequence

MSQQNTSGDCLFDGVNELMKTQFAVHIPTFVLGLLLNLAIHGFSTFLK
NRWPDYAATSIYMINLAVFDLLLVLSPFKMVLSQVQSPFPSLCTLVECL
YFVSMYGSVFTICFISMDRFLAIRYPLLVSHLRSPRKIFGICCTIWVLVW
TGSIPYISFHGKVEKYMCFHNMSDDTWSAKVFFPLEVFGFLLPMGIMGFC
CSRSIHILLGRRDHTQDWVQQKACIYSIAASLAVFVVSFLPVHLGFFLQF
LVRNSFIVECRAKQSISFFLQLSMCFSNVNCCLDVFCYYFVIKEFRMNIR
AHRPSRVQLVLQDTTISRG

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**

GPR55

Full Name

G protein-coupled receptor 55

Introduction

This gene belongs to the G-protein-coupled receptor superfamily. The encoded integral membrane protein is a likely cannabinoid receptor. It may be involved in several physiological and pathological processes by activating a variety of signal transduction pathways.

Alternative Names

LPIR1; G-protein coupled receptor 55; GPR55; G protein-coupled receptor 55

Gene ID

[9290](#)

UniProt ID

[Q9Y2T6](#)