

Product Information

MemDX™ Membrane Protein Human GPR27 (G protein-coupled receptor 27) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX3494K**

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

This product is a Human GPR27 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

GPR27

Protein Length

Full Length

Protein Class

GPCR

TMD

7

Sequence

MANASEPGGSGGGEEAALGLKLATLSLLLCVSLAGNVLFALLIVRERSLHRAPYYLLLDLCLADGLRALACLPVMLAARRAAAAAG

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

GPR27

Full Name

G protein-coupled receptor 27

Introduction

GPR27 is a member of the G protein-coupled receptors (GPCRs), a large family of receptors that have a similar structure characterized by 7 transmembrane domains. Activation of GPCRs by extracellular stimuli such as neurotransmitters, hormones, or light induces an intracellular signaling cascade mediated by heterotrimeric GTP-binding proteins, or G proteins.

Alternative Names

GPR27; SREB1; probable G-protein coupled receptor 27; super conserved receptor expressed in brain 1; G protein-coupled receptor 27

Gene ID

[2850](#)

UniProt ID

[Q9NS67](#)