

Product Information

MemDX™ Membrane Protein Human GPR50 (G protein-coupled receptor 50)

Cat. No.: **MPX0378K**

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

This product is a Human GPR50 membrane protein. 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

GPR50

Protein Class

GPCR

TMD

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Product Description

Protein Format

Proteoliposome

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

GPR50

Full Name

G protein-coupled receptor 50

Introduction

This gene product belongs to the G-protein coupled receptor 1 family. Even though this protein shares similarity with the melatonin receptors, it does not bind melatonin, however, it inhibits melatonin receptor 1A function through heterodimerization. Polymorphic variants of this gene have been associated with bipolar affective disorder in women.

Alternative Names

GPR50; H9; Mel1c; melatonin-related receptor; G protein-coupled receptor 50

Gene ID

[9248](#)

UniProt ID

[Q13585](#)