

Product Information

MemDX™ Membrane Protein Human GPR78 (G protein-coupled receptor 78) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX3464K**

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

This product is a Human GPR78 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

GPR78

Protein Length

Full Length

Protein Class

GPCR

TMD

7

Sequence

MGPGEALLAGLLVMVLAVALLSNALVLLCCAYSaelRTRASGVLLVNLSLGHLLLAALDMPFTLLGVMRGRTPSAPGACQVIGFLDT

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

GPR78

Full Name

G protein-coupled receptor 78

Introduction

The protein encoded by this gene belongs to the G protein-coupled receptor family, which contain 7 transmembrane domains and transduce extracellular signals through heterotrimeric G proteins. This is an orphan receptor, which displays significant level of constitutive activity. Association analysis shows preliminary evidence for the involvement of this gene in susceptibility to bipolar affective disorder and schizophrenia. Alternatively spliced transcript variants have been found for this gene.

Alternative Names

GPR78; FLJ98800; G protein-coupled receptor 78

Gene ID

[27201](#)

UniProt ID

[Q96P69](#)