

Product Information

MemDX™ Membrane Protein Human GPR45 (G protein-coupled receptor 45) for Antibody

Discovery

Cat. No.: **MP0466X**

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

This product is a 68.4 kDa Human GPR45 membrane protein expressed in *in vitro* wheat germ 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

GPR45

Protein Length

Full-length

Molecular Weight

68.4 kDa

TMD

7

Sequence

MACNSTSLEAYTYLLNNTSNASDSGSTQLPAPLRISLAIVMLLMTVVGFLGNTVVCIIIVYQRPAMRSAINLLLATLAFSDIMLSLCCMP

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

GPR45

Full Name

G protein-coupled receptor 45

Introduction

This intronless gene encodes a member of the G protein-coupled receptor (GPCR) family. Members of this protein family contain seven putative transmembrane domains and may mediate signaling processes to the interior of the cell via activation of heterotrimeric G proteins. This protein may function in the central nervous system

Alternative Names

PSP24; PSP24A; PSP24(ALPHA)

Gene ID

[11250](#)

UniProt ID

[Q9Y5Y3](#)