

Product Information

MemDX™ Membrane Protein Human GABRG1 (Gamma-aminobutyric acid type A receptor subunit gamma1) for Antibody Discovery

Cat. No.: **MP0402X**

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

This product is a 80.1 kDa Human GABRG1 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

GABRG1

Protein Length

Full-length

Molecular Weight

80.1 kDa

TMD

4

Sequence

MGPLKAFLFSPFLLRSQSRGVRLVLLLLTLHLGNCVDKADDEDDEDLTVNKTWVLAPKIHEGDITQILNSLLQGYDNKLRPDIGVRPT

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**

GABRG1

Full Name

Gamma-aminobutyric acid type A receptor subunit gamma1

Introduction

The protein encoded by this gene belongs to the ligand-gated ionic channel family. It is an integral membrane protein and plays an important role in inhibiting neurotransmission by binding to the benzodiazepine receptor and opening an integral chloride channel. This gene is clustered with three other family members on chromosome 4

Gene ID

[2565](#)

UniProt ID

[Q8N1C3](#)