

## Product Information

### MemDX™ Membrane Protein Human GABBR1 (Gamma-aminobutyric acid type B receptor subunit 1) for Antibody Discovery

Cat. No.: **MP0391X**

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

This product is a 121.5 kDa Human GABBR1 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

GABBR1

##### Protein Length

Full-length

##### Molecular Weight

121.5 kDa

##### TMD

7

##### Sequence

MGPGAPFARVGWPLPLLVMAGVAPVWASHSPHLPRPHSRVPPHPSSERRAVYIGALFMSGGWPGGQACQPAVEMALEDVN

#### 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

GABBR1

### Full Name

Gamma-aminobutyric acid type B receptor subunit 1

### Introduction

This gene encodes a receptor for gamma-aminobutyric acid (GABA), which is the main inhibitory neurotransmitter in the mammalian central nervous system. This receptor functions as a heterodimer with GABA(B) receptor 2. Defects in this gene may underlie brain disorders such as schizophrenia and epilepsy. Alternative splicing generates multiple transcript variants, but the full-length nature of some of these variants has not been determined

### Alternative Names

FLJ92613; GABAB(1e); GABABR1; GABBR1-3; GPRC3A; dJ271M21.1.1; dJ271M21.1.2; hGB1a; GABA-B receptor; GABAB; subunit 1c; OTTHUMP00000029114; OTTHUMP00000029115; OTTHUMP00000029116; OTTHUMP00000109099; gamma-aminobutyric acid (GABA) B receptor 1; seven transmembrane helix receptor

### Gene ID

[2550](#)

### UniProt ID

[Q9UBS5](#)