

Product Information

MemDX™ Membrane Protein Human GABRB2 (Gamma-aminobutyric acid type A receptor subunit beta2) for Antibody Discovery

Cat. No.: **MP0400X**

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

This product is a 81 kDa Human GABRB2 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

GABRB2

Protein Length

Full-length

Molecular Weight

81 kDa

TMD

4

Sequence

MWRVRKRGYFGIWSFPLIAAVCAQSVNDPSNMSLVKETVDRLKGYDIRLRPDFGGPPVAVGMNIDIASIDMVSEVNMDYTLTMYP

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**

GABRB2

Full Name

Gamma-aminobutyric acid type A receptor subunit beta2

Introduction

The gamma-aminobutyric acid (GABA) A receptor is a multisubunit chloride channel that mediates the fastest inhibitory synaptic transmission in the central nervous system. This gene encodes GABA A receptor, beta 2 subunit. It is mapped to chromosome 5q34 in a cluster comprised of genes encoding alpha 1 and gamma 2 subunits of the GABA A receptor. Alternative splicing of this gene generates 2 transcript variants, differing by a 114 bp insertion

Alternative Names

ICEE2

Gene ID

[2561](#)

UniProt ID

[P47870](#)