

Product Information

MemDX™ Membrane Protein Human GABRA2 (Gamma-aminobutyric acid type A receptor subunit alpha2) for Antibody Discovery

Cat. No.: **MP0394X**

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

This product is a 40.4 kDa Human GABRA2 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

GABRA2

Protein Length

Full-length

Molecular Weight

40.4 kDa

TMD

4

Sequence

MKTKLNIYNMQFLLFVFLVWDPARLVLANIQEDEAKNNITIFTRILDRLLDGYDNRLRPGLGDSITEVFTNIYVTSFGPVSDTDMEYTID

Product Description

Application

Antibody Production

Expression Systems

in vitro wheat germ expression system

Tag

NO

Protein Format

Liposome

Form

Liquid

Purification

None

Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol

Storage

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

Target**Target Protein**

GABRA2

Full Name

Gamma-aminobutyric acid type A receptor subunit alpha2

Introduction

GABA is the major inhibitory neurotransmitter in the mammalian brain where it acts at GABA-A receptors, which are ligand-gated chloride channels. Chloride conductance of these channels can be modulated by agents such as benzodiazepines that bind to the GABA-A receptor. At least 16 distinct subunits of GABA-A receptors have been identified. Alternatively spliced transcript variants encoding different isoforms have been found for this gene

Alternative Names

EIEE78

Gene ID

[2555](#)

UniProt ID

[P47869](#)