

Product Information

MemDX™ Membrane Protein Human GABRP (Gamma-aminobutyric acid type A receptor subunit pi) Full Length

Cat. No.: **MPC0523K**

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

This product is a 50.6 kDa Human GABRP membrane protein expressed in HEK293. 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

GABRP

Protein Length

Full length

Protein Class

Transporter; Ion channel

Molecular Weight

50.6 kDa

TMD

4

Sequence

MNYSLHLAFVCLSLFTERMCIQGSQFNVEVGRSDKLSLPGFENLTAGYNK
FLRPNFGGEPVQIALTLDIASISSISESNMDYTATIYLRQRWMDQRLVFE
GNKSFTLDARLVEFLWVPDTYIVESKKSFLHEVTVGNRLIRLFSNGTVLY
ALRITTTVACNMDLSKYPMDTQTCKLQLESWGYDGNDVEFTWLRGNDSVR
GLEHLRLAQYTIERYFTLVTRSQQETGNYTRLVLQFELRRNVLYFILETY
VPSTFLVVLVSWVSFWISLDSVPARTCIGVTTVLMTTLMIGSRTSLPNTN
CFIKAIDVYLIGICFSFVFGALLEYAVAHYSSLQQMAAKDRGTTKEVEEVS
ITNIINSSISSFKRKISFASIEISSDNVDYSDLTMKTSDFKFKVFREKMG
RIVDYFTIQNPSNVDHYSKLLFPLIFMLANVFYWAYMYF

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

GABRP

Full Name

Gamma-aminobutyric acid type A receptor subunit pi

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. The subunit encoded by this gene is expressed in several non-neuronal tissues including the uterus and ovaries. This subunit can assemble with known GABA A receptor subunits, and the presence of this subunit alters the sensitivity of recombinant receptors to modulatory agents such as pregnanolone. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Alternative Names

Gamma-aminobutyric acid receptor subunit pi; GABA(A) receptor subunit pi; GABA(A) receptor, pi; gamma-aminobutyric acid (GABA) A receptor, pi; gamma-aminobutyric acid type A receptor pi subunit; GABRP; Gamma-aminobutyric acid type A receptor subunit pi

Gene ID

[2568](#)

UniProt ID

[Q00591](#)