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Product Information

MemDX™ Membrane Protein Human GABRR2 (Gamma-aminobutyric acid type A receptor subunit rho2) Full Length

Cat. No.: **MPC0525K**
This product is for research use only and is not intended for diagnostic use.

This product is a 54.1 kDa Human GABRR2 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
GABRR2

Protein Length
Full length

Protein Class
Transporter; Ion channel

Molecular Weight
54.1 kDa

TMD
4

Sequence
MPYFTRLILFLFCLMVLVESRKPKRKRWTGQVEMPKPSHLYKKNLDVTKI
RKGKPQQLLRVDEHDFSMRPAFGGPAIPVGVDVQVESLDSISEVDMDFTM
TLYLRHYWKDERLAFSSASNKSMTFDGRLVKKIWVPDVFFVHSKRSFTHD
TTTDNIMLRVFPDGHVLYSMRITVTAMCNMDFSHFPLDSQTCSLELESYA
YTDEDLMLYWKNGDESLKTDEKISLSQFLIQKFHTTSRLAFYSSTGWYNR
LYINFTLRRHIFFFLLQTYFPATLMVMLSWVSFWIDRRAVPARVSLGITT
VLTMTTIITGVNASMPRVSYVKAVDIYLWVSFVFVFLSVLEYAAVNYLTT
VQERKERKLREKFPCMCGMLHSKTMMLDGSYSESEANSLAGYPRSHILTE
EERQDKIVVHLGLSGEANAARKKGLLKGQTGFRIFQNTHAIDKYSRLIFP
ASYIFFNLIYWSVFS

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

GABRR2

Full Name

Gamma-aminobutyric acid type A receptor subunit rho2

Introduction

Gamma-aminobutyric acid (GABA) is the major inhibitory neurotransmitter in the mammalian brain where it acts at GABA receptors, which are ligand-gated chloride channels. The protein encoded by this gene is a member of the rho subunit family and is a component of the GABA type A receptor complex. This gene exists on chromosome 6q next to the gene encoding the rho 1 subunit of the GABA type A receptor, in a region thought to be associated with susceptibility for psychiatric disorders and epilepsy. Polymorphisms in this gene may also be associated with alcohol dependence, and general cognitive ability.

Alternative Names

Gamma-aminobutyric acid receptor subunit rho-2; GABA-C receptor, rho-2 subunit; gamma-aminobutyric acid (GABA) A receptor, rho 2; gamma-aminobutyric acid type A receptor rho2 subunit; GABRR2; Gamma-aminobutyric acid type A receptor subunit rho2

Gene ID

2570

UniProt ID

P28476

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