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Product Information

MemDX™ Membrane Protein Human GABRG3 (Gamma-aminobutyric acid type A receptor subunit gamma3) Full Length

Cat. No.: **MPC0522K**
This product is for research use only and is not intended for diagnostic use.

This product is a 54.2 kDa Human GABRG3 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
GABRG3

Protein Length
Full length

Protein Class
Transporter; Ion channel

Molecular Weight
54.2 kDa

TMD
4

Sequence
MAPKLLLLLCLFSGLHARSRKVEEDEYEDSSSNQKWVLAPKSQDTDVTLI
LNKLLREYDKKLRPDIGIKPTVIDVDIYVNSIGPVSSINMEYQIDIFFAQ
TWTDSRLRFNSTMKILTLNSNMVGLIWIPDTIFRNSKTAEAHWITTPNQL
LRIWNDGKILYTLRLTINAECQLQLHNFPMDEHSCPLIFSSYGYPKEEMI
YRWRKNSVEAADQKSWRLYQFDFMGLRNTTEIVTTSAGDYVVMTIYFELS
RRMGYFTIQTYIPCILTVVLSWVSFWIKKDATPARTALGITTVLTMTTLS
TIARKSLPRVSYVTAMDLFVTVCFLFVFAALMEYATLNYYSSCRKPTTTK
KTTSLLHPDSSRWIPERISLQAPSNYSLLDMRPPPTAMITLNNSVYWQEF
EDTCVYECLDGKDCQSFFCCYEECKSGSWRKGRIHIDILELDSYSRVFFP
TSFLLFNLVYWVGYLYL

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

GABRG3

Full Name

Gamma-aminobutyric acid type A receptor subunit gamma3

Introduction

This gene encodes a gamma-aminobutyric acid (GABA) receptor. 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. GABA-A receptors are pentameric, consisting of proteins from several subunit classes: alpha, beta, gamma, delta and rho. The protein encoded by this gene is a gamma subunit, which contains the benzodiazepine binding site. Two transcript variants encoding distinct isoforms have been found for this gene.

Alternative Names

Gamma-aminobutyric acid receptor subunit gamma-3; GABA(A) receptor subunit gamma-3; GABA(G) receptor, gamma 3; gamma-aminobutyric acid (GABA) A receptor, gamma 3; gamma-aminobutyric acid type A receptor gamma3 subunit; GABRG3; Gamma-aminobutyric acid type A receptor subunit gamma3

Gene ID

2567

UniProt ID

Q99928

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