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Product Information

MemDX™ Membrane Protein Human GABRA2 (Gamma-aminobutyric acid type A receptor subunit alpha2) Full Length

Cat. No.: **MPC0510K**
This product is for research use only and is not intended for diagnostic use.

This product is a 51.3 kDa Human GABRA2 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
GABRA2

Protein Length
Full length

Protein Class
Transporter; Ion channel

Molecular Weight
51.3 kDa

TMD
4

Sequence
MKTKLNIYNMQFLLFVFLVWDPARLVLANIQEDEAKNNITIFTRILDRLL
DGYDNRLRPGLGDSITEVFTNIYVTSFGPVSDTDMEYTIDVFFRQKWKDE
RLKFKGPMNILRLNNLMASKIWTPDTFFHNGKKSVAHNMTMPNKLLRIQD
DGTLLYTMRLTVQAECPMHLEDFPMDAHSCPLKFGSYAYTTSEVTYIWTY
NASDSVQVAPDGSRLNQYDLLGQSIGKETIKSSTGEYTVMTAHFHLKRKI
GYFVIQTYLPCIMTVILSQVSFWLNRESVPARTVFGVTTVLTMTTLSISA
RNSLPKVAYATAMDWFIAVCYAFVFSALIEFATVNYFTKRGWAWDGKSVV
NDKKKEKASVMIQNNAYAVAVANYAPNLSKDPVLSTISKSATTPEPNKKP
ENKPAEAKKTFNSVSKIDRMSRIVFPVLFGTFNLVYWATYLNREPVLGVS
P

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

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

DEE78; EIEE78; GABA(A) receptor subunit alpha-2; gamma-aminobutyric acid type A receptor alpha2 subunit; GABRA2; Gamma-aminobutyric acid type A receptor subunit alpha2

Gene ID

2555

UniProt ID

P47869