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Product Information

MemDX™ Membrane Protein Human GABRA5 (Gamma-aminobutyric acid type A receptor subunit alpha5) Full Length

Cat. No.: **MPC0513K**
This product is for research use only and is not intended for diagnostic use.

This product is a 52.1 kDa Human GABRA5 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
GABRA5

Protein Length
Full length

Protein Class
Transporter; Ion channel

Molecular Weight
52.1 kDa

TMD
4

Sequence
MDNGMFSGFIMIKNLLLFCISMNLSSHFGFSQMPTSSVKDETNDNITIFT
RILDGLLDGYDNRLRPGLGERITQVRTDIYVTSFGPVSDTEMEYTIDVFF
RQSWKDERLRFKGPMQRLPLNNLLASKIWTPDTFFHNGKKSIAHNMTTPN
KLLRLEDDGTLLYTMRLTISAECPMQLEDFPMDAHACPLKFGSYAYPNSE
VVYVWTNGSTKSVVVAEDGSRLNQYHLMGQTVGTENISTSTGEYTIMTAH
FHLKRKIGYFVIQTYLPCIMTVILSQVSFWLNRESVPARTVFGVTTVLTM
TTLSISARNSLPKVAYATAMDWFIAVCYAFVFSALIEFATVNYFTKRGWA
WDGKKALEAAKIKKKREVILNKSTNAFTTGKMSHPPNIPKEQTPAGTSNT
TSVSVKPSEEKTSESKKTYNSISKIDKMSRIVFPVLFGTFNLVYWATYLN
REPVIKGAASPK

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

GABRA5

Full Name

Gamma-aminobutyric acid type A receptor subunit alpha5

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. Transcript variants utilizing three different alternative non-coding first exons have been described.

Alternative Names

DEE79; EIEE79; gamma-aminobutyric acid receptor subunit alpha-5; GABA(A) receptor subunit alpha-5; gamma-aminobutyric acid (GABA) A receptor, alpha 5; gamma-aminobutyric acid type A receptor alpha5 subunit; GABRA5; Gamma-aminobutyric acid type A receptor subunit alpha5

Gene ID

2558

UniProt ID

P31644

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