

Product Information

MemDX™ Membrane Protein Human GABRA6 (Gamma-aminobutyric acid type A receptor subunit alpha6) Full Length

Cat. No.: **MPC0514K**

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

This product is a 51 kDa Human GABRA6 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

GABRA6

Protein Length

Full length

Protein Class

Transporter; Ion channel

Molecular Weight

51 kDa

TMD

4

Sequence

MASSLPWLCIILWLENALGKLEVEGNFYSENVSRILDNLLEGYDNRLRPG
FGGAVTEVKTDIYVTSFGPVSDVEMEYTMDFVFRQWTDERLKFGGPTEI
LSLNNLMVSKIWTPDTFFRNGKKSIAHNMTTPNKLFRIMQNGTILYTMRL
TINADCPMRLVNFPMDGHACPLKFGSYAYPKSEIIYTWKKGPLYSVEVPE
ESSLLQYDLIGQTVSSETIKSNTGEYVIMTVYFHLQRKMGYFMIQIYTP
CIMTVILSQVSFWINKESVPARTVFGITTVLTMTTLSISARHSLPKVSYA
TAMDWFIAVCFVFSALIEFAAVNYFTNLQTQKAKRKAQFAAPPTVTIS
KATEPLEAEIVLHPDSKYHLKKRITSLSLPIVSSSEANKVLTRAPILQST
PVTPPPLSPAFGGTSKIDQYSRILFPVAFAGFNLVYVWVYLSKDTMEVSS
SVE

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**

GABRA6

Full Name

Gamma-aminobutyric acid type A receptor subunit alpha6

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.

Alternative Names

Gamma-aminobutyric acid receptor subunit alpha-6; GABA subunit A receptor alpha 6; GABA(A) receptor subunit alpha-6; GABA(A) receptor, alpha 6; gamma-aminobutyric acid (GABA) A receptor, alpha 6; gamma-aminobutyric acid type A receptor alpha6 subunit; GABRA6; Gamma-aminobutyric acid type A receptor subunit alpha6

Gene ID

[2559](#)

UniProt ID

[Q16445](#)