

Product Information

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

Cat. No.: **MPC0527K**

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

This product is a 72 kDa Human GABRQ 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

GABRQ

Protein Length

Full length

Protein Class

Transporter; Ion channel

Molecular Weight

72 kDa

TMD

3

Sequence

MGIRGMLRAAVILLIIRTWLAEGNYPSPIPKFHFEFSSAVPEVVLNLFNC
KNCANEAVVQKILDRVLSRYDVRLRPNFGGAPVPVRISIVTSIEQISEM
NMDYTITMFFHQTWKDSRLAYYETTLNLTLDYRMHEKLWVPDCYFLNSKD
AFVHDVTVENRVFQLHPDGTVRYGIRLTTTAACSLDLHKFPMQKQACNLV
VESYGYTVEDIILFWDNNGNAIHMTTEELHIPQFTFLGRTITSKEVYFYTG
SYIRLILKFQVQREVNSYLVQVYWPTVLTITSWISFWMNYDSSAARVTI
GLTSMILITIDSHLRDKLPNISCIAIDYILVCLFFVFLSLLEYVYIN
YLFYSRGP RRQPRRHRRPRRVIARYRYQQVVGNVQDGLINVEDGVSSLP
ITPAQAPLASPESLGS LTSTSEQAQLATSESLSPLTSLSGQAPLATGESL
SDLPSTSEQARHSYGVRFNGFQADDSIFPTEIRNRVEAHGHGVTHDHEDS
NESLSSDERHGHGSPGKPM LHHGEKGVQEAGWDLDDNNDKSDCLAIKEQF
KCDTNSTWGLNDDDELMAHGQEKDSSSESEDSCPPSPGCSFTEGFSFDLFN
PDYVPKVDKWSRFLFPLAFGLFNIVYVWYHMY

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

GABRQ

Full Name

Gamma-aminobutyric acid type A receptor subunit theta

Introduction

The gamma-aminobutyric acid (GABA) A receptor is a multisubunit chloride channel that mediates the fastest inhibitory synaptic transmission in the central nervous system. This gene encodes the theta subunit of the GABA A receptor. The gene is mapped to chromosome Xq28 in a cluster of genes including those that encode the alpha 3 and epsilon subunits of the GABA A receptor.

Alternative Names

THETA; gamma-aminobutyric acid receptor subunit theta; GABA(A) receptor subunit theta; gamma-aminobutyric acid (GABA) A receptor, theta; gamma-aminobutyric acid type A receptor theta subunit; GABRQ; Gamma-aminobutyric acid type A receptor subunit theta

Gene ID

[55879](#)

UniProt ID

[Q9UN88](#)