

Product Information

MemDX™ Membrane Protein Human GABRE (Gamma-aminobutyric acid type A receptor subunit epsilon) for Antibody Discovery

Cat. No.: **MP0401X**

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

This product is a 65.89 kDa Human GABRE membrane protein expressed in *in vitro* wheat germ expression system. 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

GABRE

Protein Length

Full-length

Molecular Weight

65.89 kDa

TMD

4

Sequence

MLSKVLPVFLGILLILQSRVEGPQTESKNEASSRDVVYGPQPQPLENQLLSEETKSTETETGSRVGKLPEASRILNTILSNYDHLRPP

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

GABRE

Full Name

Gamma-aminobutyric acid type A receptor subunit epsilon

Introduction

The product of this gene belongs to the ligand-gated ionic channel (TC 1.A.9) family. It encodes the gamma-aminobutyric acid (GABA) A receptor which is a multisubunit chloride channel that mediates the fastest inhibitory synaptic transmission in the central nervous system. This gene encodes an epsilon subunit. It is mapped to chromosome Xq28 in a cluster comprised of genes encoding alpha 3, beta 4 and theta subunits of the same receptor. Alternatively spliced transcript variants have been identified, but only one is thought to encode a protein

Alternative Names

GABA(A) receptor; OTTHUMP00000025892

Gene ID

[2564](#)

UniProt ID

[P78334](#)