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Product Information

MemDX™ Membrane Protein Human GABRA3 (Gamma-aminobutyric acid type A receptor subunit alpha3, 30 a.a. - 492 a.a.) for Antibody Discovery

Cat. No.: **MP0395X**
This product is for research use only and is not intended for diagnostic use.

This product is a 76.67 kDa Human GABRA3 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
GABRA3

Protein Length
Full-length

Molecular Weight
76.67 kDa

TMD
4

Sequence
GESRRQEPGDFVKQDIGGLSPKHAPDIPDDSTDNITIFTRILDRLLDGYDNRLRPGLGDAVTEVKTDIYVTSFGPVSDTDMEYTIDVF

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

GABRA3

Full Name

Gamma-aminobutyric acid type A receptor subunit alpha3

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

MGC33793; OTTHUMP00000025897; OTTHUMP00000025898; gamma-aminobutyric acid A receptor, alpha 3; gamma-animobutyric acid (GABA) A receptor, alpha 3

Gene ID

2556

UniProt ID

P34903

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