

Product Information

MemDX™ Membrane Protein Human GABRA5 (Gamma-aminobutyric acid type A receptor subunit alpha5) for Antibody Discovery

Cat. No.: **MP0398X**

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

This product is a 76.56 kDa Human GABRA5 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

GABRA5

Protein Length

Full-length

Molecular Weight

76.56 kDa

TMD

4

Sequence

MDNGMFSGFIMIKNLLFCISMNLSSHFGFSQMPTSSVKDETNDNITIFTRILDGLLDGYDNRLRPGLGERITQVRTDIYVTSFGPVSD

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**

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

EIEE79

Gene ID

[2558](#)

UniProt ID

[P31644](#)