

## Product Information

### **MemDX™ Membrane Protein Human GABRR3 (Gamma-aminobutyric acid type A receptor subunit rho3) Full Length**

Cat. No.: **MPC0526K**

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

This product is a 54.2 kDa Human GABRR3 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

GABRR3

##### Protein Length

Full length

##### Protein Class

Transporter; Ion channel

##### Molecular Weight

54.2 kDa

##### TMD

4

##### Sequence

MVLAFLQLVSFTYIWILKPNVCAASNIKMT HQRCSSSMKQTCKQETRMKK  
DDSTKARPQKYEQLLHIEDNDFAMRPGFGGSPVPVGIDVHVESIDSISSET  
NMDFTMTFYLRHYWKDERLSFPSTANKSMTFDHRLTRKIWVPDIFVHVK  
RSFIHDTT MENIMLRVHPDGNVLLSLRITVSAMCFMDFSRFPLDTQNCSL  
ELESYAYNEDDLMLYWKHGNKSLNTEEHMSLSQFFIEDFSASSGLAFYSS  
TGWYNRLFINFVLR RHVFFFLQTYFPAILMVMLSWVSFWIDRRVAVPARV  
SLGITTVLTMSTIITAVSASMPQVSYLKAVDVYLWVSSLFVFLSVIEYAA  
VNYLTTVEERKQFKKTGKISRMYNIDAVQAMAFDGCYHDSEIDMDQTSLS  
LNSEDFMRRKSICSPSTDSSRIKRRKSLGGHVGRILENNHVIDTYSRIL  
FPIVYILFNLFYWGVVYV

#### 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**

GABRR3

**Full Name**

Gamma-aminobutyric acid type A receptor subunit rho3

**Introduction**

The neurotransmitter gamma-aminobutyric acid (GABA) functions in the central nervous system to regulate synaptic transmission of neurons. This gene encodes one of three related subunits, which combine as homo- or hetero-pentamers to form GABA(C) receptors. In humans, some individuals contain a single-base polymorphism (dbSNP rs832032) that is predicted to inactivate the gene product.

**Alternative Names**

Gamma-aminobutyric acid receptor subunit rho-3; GABA(A) receptor subunit rho-3; GABA(C) receptor; gamma-aminobutyric acid (GABA) A receptor, rho 3; gamma-aminobutyric acid type A receptor rho3 subunit; GABRR3; Gamma-aminobutyric acid type A receptor subunit rho3

**Gene ID**

[200959](#)

**UniProt ID**

[A8MPY1](#)