

Product Information

MemDX™ Membrane Protein Human GALR1 (Galanin receptor 1) Full Length

Cat. No.: **MPC0108K**

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

This product is a 38.9 kDa Human GALR1 membrane protein expressed in Baculovirus/Insect 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

GALR1

Protein Length

Full length

Protein Class

GPCR

Molecular Weight

38.9 kDa

TMD

7

Sequence

MELAVGNLSEGNASWPEPPAPEPGPLFGIGVENFVTLVVFGLIFALGVLG
NSLVITVLARSKPGKPRSTTNLFILNLSIADLAYLLFCIPFQATVYALPT
WVLGAFICKFIHYFFTVSMLVSIFTLAAMSVDTRYVAIVHSRRSSSLRVSR
NALLGVGCIWALSAMASPVAYHQGLFHPRASNQTFCEQWPDPRHKKAY
VVCTFVFGYLLPLLLICFCYAKVLNHLHKKLKNMSKKSEASKKKTAQTVL
VVVVVFGISWLPHHIHLWAEFGVFPLTPASFLFRITAHCLAYSNSSVNP
IIFYAFLSENRKAYKQVFKCHIRKDSHLSDTKESKSRIDTPPSTNCTHV

Product Description

Expression Systems

Baculovirus/Insect expression system

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**

GALR1

Full Name

Galanin receptor 1

Introduction

The neuropeptide galanin elicits a range of biological effects by interaction with specific G-protein-coupled receptors. Galanin receptors are seven-transmembrane proteins shown to activate a variety of intracellular second-messenger pathways. GALR1 inhibits adenylyl cyclase via a G protein of the Gi/Go family. GALR1 is widely expressed in the brain and spinal cord, as well as in peripheral sites such as the small intestine and heart.

Alternative Names

GALNR; GALNR1; galanin receptor type 1; GAL1-R; GALR-1; GALR1; Galanin receptor 1

Gene ID

[2587](#)

UniProt ID

[P47211](#)