

Human CHRM2 Full-Length Bioactive Membrane Protein

HDFP092



Product Information

Product SKU:

HDFP092

Size:

10µg

Molecular Weight:

The human full length CHRM2 protein has a MW of 51.5 kDa

Expression System:

HEK293

Uniprot:

P08172

Target:

CHRM2

Antibody Information

Background:

The muscarinic cholinergic receptors belong to a larger family of G protein-coupled receptors. The functional diversity of these receptors is defined by the binding of acetylcholine to these receptors and includes cellular responses such as adenylate cyclase inhibition, phosphoinositide degeneration, and potassium channel mediation. Muscarinic receptors influence many effects of acetylcholine in the central and peripheral nervous system. The muscarinic cholinergic receptor 2 is involved in mediation of bradycardia and a decrease in cardiac contractility. Multiple alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Jul 2008]

Description:

Human CHRM2 full length protein-synthetic nanodisc

Protein Family:

Druggable Genome, GPCR, Transmembrane

Protein Pathways:

Calcium signaling pathway, Neuroactive ligand-receptor interaction, Regulation of actin cytoskeleton

Synonyms:

HM2

Storage:

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

Usage:

Research use only

Form:

Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.

Contact Details | Dublin, Ireland

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