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Datasheet for ABIN7491491

Muscarinic Acetylcholine Receptor M2 Protein (Fc Tag)

Overview

Quantity:	100 µg
Target:	Muscarinic Acetylcholine Receptor M2 (CHRM2)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Muscarinic Acetylcholine Receptor M2 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human CHRM2 Protein with C-terminal human Fc tag
Specificity:	CHRM2 (Met1-Glu22) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	Muscarinic Acetylcholine Receptor M2 (CHRM2)
Alternative Name:	CHRM2 (CHRM2 Products)
Background:	HM2The 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

Target Details

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]

Molecular Weight: predicted molecular mass of 28.6 kDa after removal of the signal peptide. The apparent molecular mass of CHRM2-hFc is 35-55 kDa due to glycosylation.

UniProt: [P08172](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: 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.

Expiry Date: 12 months