

CHRM5

Human Muscarinic Acetylcholine Receptor M5

Catalog No.	CSH3053MP	Quantity:	10 mg
	CSH3053PR		50 µg

Alternate Names: Cholinergic Receptor Muscarinic 5, HM5

Description: Muscarinic acetylcholine receptors, or mAChRs, are acetylcholine receptors that form G protein-coupled receptor complexes in the cell membranes of certain neurons and other cells. Binding of the endogenous ligand acetylcholine to the M5 receptor triggers a number of cellular responses such as adenylate cyclase inhibition, phosphoinositide degradation, and potassium channel modulation.

The receptor is available in the following formats: stable over-expression cell line, membrane preparation, or purified receptor in HEK293 or CHO. Various tagged versions are available.

Gene ID: 1133

UniProtKB: P08912

Format: Cell line, membrane preparation, or purified protein

Source: HEK 293 or CHO cells

Characterization: Expression of receptor was verified by immunostaining. Receptor demonstrates biological activity when tested in a radioligand assay.

Affinity Tag Options: Receptor construct: M1 is 2X Twin-Strep tagged and HIS tagged.

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