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Chrna9/Htr3a
Rat Neuronal ACHA9, Mouse 5HT3A receptor, chimera

Catalog No.	CSR0403MP	**Quantity:**	10 mg
	CSR0403PR		50 µg

Description: A chimera composed of the N-terminal region of the rat neuronal (nicotinic) acetylcholine receptor subunit alpha-9 fused to the transmembrane and C-terminal domain of the mouse serotonin 5-HT3A receptor was expressed in mammalian cells and resulted in functional channels that were sensitive to nicotinic acetylcholine, but not serotonin receptor ligands.

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: 65024/15561

UniProtKB: P43144/P23979

Format: Cell line, membrane preparation, or purified protein

Source: HEK 293 or CHO cells

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

Affinity Tag Options: Receptor construct: 2 X TwinStrep-Tag at amino-terminus and HIS_{10} at carboxy-terminus

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