

HTR3A

Human 5-Hydroxytryptamin (serotonin) receptor 3A

Catalog No. CSH0003MP **Quantity:** 10 mg
CSH0003PR 50 µg

Alternate Names: 5-HT3-A, 5-HT3R, HTR3

Description: HTR3A is one of the several different ligand-gated ion channel receptors for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a hormone, a neurotransmitter, and a mitogen. It is a cation-specific, but otherwise relatively non-selective ion channel that, when activated, causes fast depolarizing responses in neurons.

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: 3359

UniProtKB: P46098

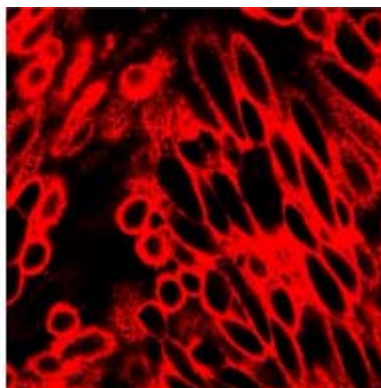
Format: Cell line, membrane preparation, or purified protein

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: TwinStrep -Tag at amino terminus, 2 X TwinStrep-Tag at amino-terminus, or FLAG at amino-terminus and FLAG-HIS₁₀ at carboxy-terminus

Fluorescence microscopy on human HTR3A stable CHO cell line using Strep-Tactin Chromeo 546



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