

## HTR2A

### Human 5-Hydroxytryptamine Receptor 2A

<b>Catalog No.</b>	CSH1006MP	<b>Quantity:</b>	10 mg
	CSH1006PR		50 µg

**Alternate Names:** 5-HT-2A

**Description:** The serotonin 2A receptor (or 5-HT<sub>2A</sub> receptor) is a subtype of serotonin receptor (5-HT receptor) that binds the neurotransmitter serotonin (5-hydroxytryptamine, 5-HT). The 5HT<sub>2A</sub> receptor is a G protein-linked receptor that is the main excitatory receptor subtype among the GPCRs for serotonin, although 5-HT<sub>2A</sub> may also have an inhibitory effect on certain areas such as the visual cortex and the orbitofrontal cortex. This receptor was first noted for its importance as a target of serotonergic psychedelic drugs such as LSD. 5-HT<sub>2A</sub> may be a necessary receptor for the spread of the human polyoma virus called the JC virus.

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:** 3356

**UniProtKB:** P28223

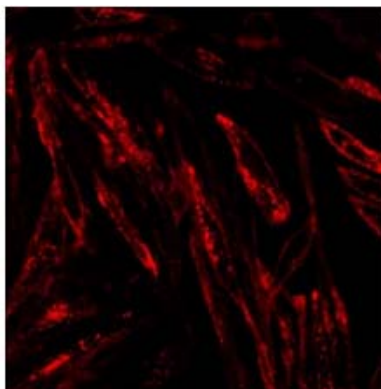
**Format:** Cell line, membrane preparation, or purified protein

**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 is available with 2 X Twin Strep-tag and HIS tag

Fluorescence microscopy on human 5-HT-2A stable CHO cell line using Strep-Tactin Chromeo 546



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