

## HTR1D

### Human 5-Hydroxytryptamine Receptor 1D

<b>Catalog No.</b>	CSH1003MP	<b>Quantity:</b>	10 mg
	CSH1003PR		50 µg

**Alternate Names:** 5-HT-1D, HTRL, RDC4

**Description:** The serotonin 1D receptor (or 5-HT1D receptor) is a subtype of serotonin receptor (5-HT receptor) that binds the neurotransmitter serotonin (5-hydroxytryptamine, 5-HT). 5HT1D receptor is a G protein-linked receptor that activates an intracellular messenger cascade to produce an inhibitory response by decreasing cellular levels of cAMP. 5-HT1D acts on the central nervous system, and affects locomotion and anxiety. It also induces vascular vasoconstriction in the brain.

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:** 3352

**UniProtKB:** P28221

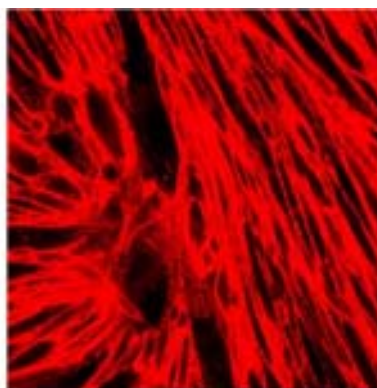
**Format:** Cell line, membrane preparation, or purified protein

**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

Fluorescence microscopy on human 5-HT-1D stable CHO cell line using Strep-Tactin Chromeo 546



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