

## HTR7

### Human 5-Hydroxytryptamine Receptor 7

|                    |           |                  |       |
|--------------------|-----------|------------------|-------|
| <b>Catalog No.</b> | CSH1012MP | <b>Quantity:</b> | 10 mg |
|                    | CSH1012PR |                  | 50 µg |

**Alternate Names:** 5-HT-7

**Description:** The serotonin 7 receptor (or 5-HT7 receptor) is a subtype of serotonin receptor (5-HT receptor) that binds the neurotransmitter serotonin (5-hydroxytryptamine, 5-HT). The 5-HT7 receptor is coupled to Gs, which stimulates the production of the intracellular signaling molecule cAMP. 5-HT7 is expressed in a variety of human tissues, particularly in the brain, the gastrointestinal tract, and in various blood vessels. This receptor has been a drug development target for the treatment of several clinical disorders.

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:** 3363

**UniProtKB:** P34969

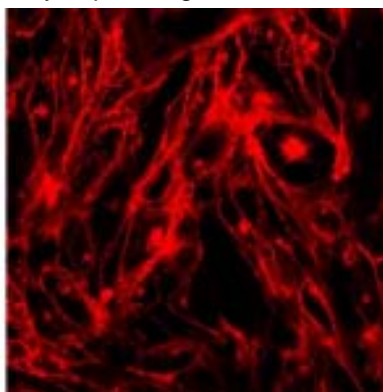
**Format:** Cell line, membrane preparation, or purified protein

**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

Immunostaining of CHO cells stably expressing human 5-HT7, using Strep-Tactin Chromeo 546



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