

HTR4

Human 5-Hydroxytryptamine Receptor 4

Catalog No.	CSH1144MP	Quantity:	10 mg
	CSH1144PR		50 µg

Alternate Names: 5-HT-4

Description: The serotonin 4 receptor (or 5-HT4 receptor) is a subtype of serotonin receptor (5-HT receptor) that binds the neurotransmitter serotonin (5-hydroxytryptamine, 5-HT). The 5HT4 receptor is a G protein-linked receptor that stimulate cAMP production in response to serotonin. The gene product is a glycosylated transmembrane protein that functions in both the peripheral and central nervous system to modulate the release of various neurotransmitters.

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: 3360

UniProtKB: Q13639

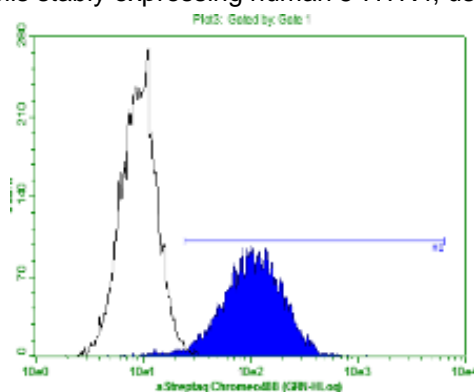
Format: Cell line, membrane preparation, or purified protein

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

Flow cytometry on CHO cells stably expressing human 5-HTR4, using Srep-Tactin Chromeo 488



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