

HTR5A

Human 5-Hydroxytryptamine Receptor 5A

Catalog No.	CSH1010MP	Quantity:	10 mg
	CSH1010PR		50 µg

Alternate Names: 5-HT-5A

Description: The serotonin 5A receptor (or 5-HT5A receptor) is a subtype of serotonin receptor (5-HT receptor) that binds the neurotransmitter serotonin (5-hydroxytryptamine, 5-HT). The 5-HT5A receptor functions as a receptor for 5-hydroxytryptamine and couples to G proteins, negatively influencing cAMP levels via Gi and Go. This protein has been shown to function in part through the regulation of intracellular Ca²⁺ mobilization.

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: 3361

UniProtKB: P47898

Format: Cell line, membrane preparation, or purified protein

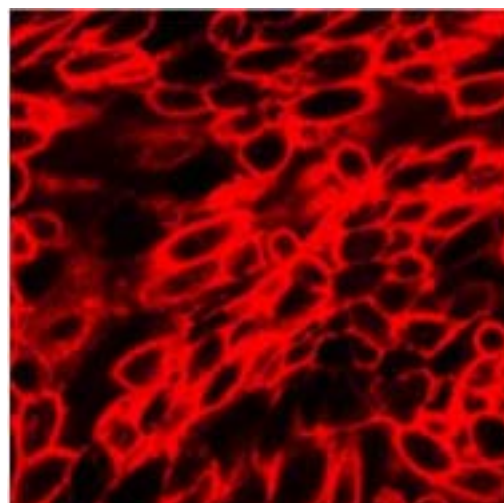
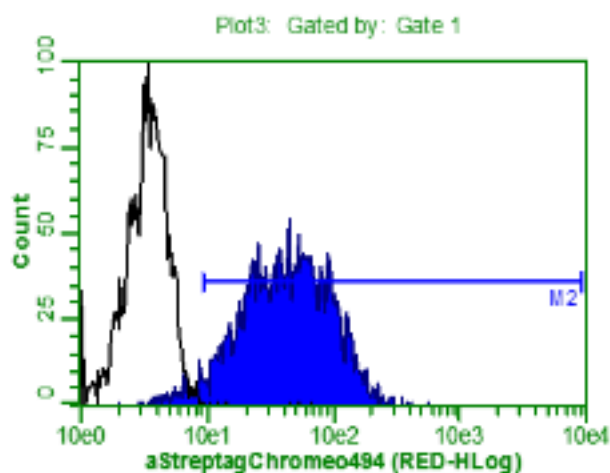
Source: HEK 293 or CHO cells

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-HT5A, using Srep-Tactin Chromeo 488

Immunostaining of CHO cells stably expressing human 5-HT5A, using Srep-Tactin Chromeo 546



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