

HTR1B

Human 5-Hydroxytryptamine Receptor 1B

Catalog No.	CSH1002MP	Quantity:	10 mg
	CSH1002PR		50 µg

Alternate Names: 5-HT-1B, S12

Description: The serotonin 1B receptor (or 5-HT1B receptor) is a subtype of serotonin receptor (5-HT receptor) that binds the neurotransmitter serotonin (5-hydroxytryptamine, 5-HT). It is a G protein-coupled receptor (GPCR), coupled to the Gi protein, that mediates inhibitory neurotransmission. It is widely distributed throughout the CNS. Knockout mice lacking the 5-HT1B gene have shown an increase in aggression and a higher preference for alcohol.

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: 3351

UniProtKB: P28222

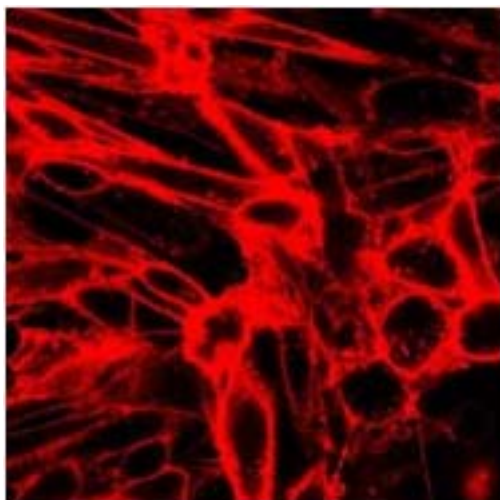
Format: Cell line, membrane preparation, or purified protein

Source: HEK 293 or CHO cells

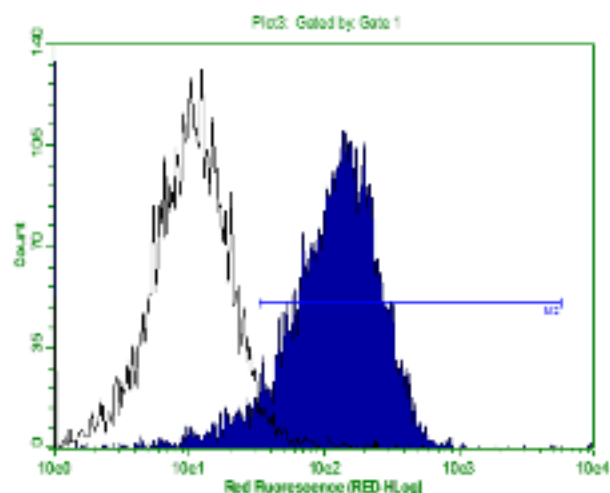
Characterization: Expression of receptor was verified by immunostaining. Receptor demonstrates biological activity when tested in a radioligand assay.

Affinity Tag Options: Receptor is available with the following tags: 2 X Twin Strep-tag, Twin Strep-Tag and Rho tag

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



Flow cytometry analysis of human 5-HT-1B stable CHO cell line using Strep-Tactin Chromeo 488



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