

Somatostatin receptor

Somatostatin receptors are receptors for the ligand [somatostatin](#), a small [neuropeptide](#) associated with neural signaling, particularly in the post-synaptic response to NMDA receptor co-stimulation/activation. Somatostatin is encoded by a CRE and is very susceptible to gene promoter region activation by transcription factor CREB.

There are five known somatostatin receptors:

SST1 ([SSTR1](#))

SST2 ([SSTR2](#))

SST3 ([SSTR3](#))

SST4 ([SSTR4](#))

SST5 ([SSTR5](#))

Somatostatin receptor in meningioma

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