

Product datasheet for **TP305146M**

Somatostatin Receptor 2 (SSTR2) (NM_001050) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human somatostatin receptor 2 (SSTR2), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC205146 protein sequence
Red=Cloning site **Green**=Tags(s)

MDMADEPLNGSHTWLSIPFDLNGSVSTNTNSNQTEPYDLSNAVLTFIYFVWCIIGLCGNTLVIYVILR
YAKMKTITNIYILNLIAIADELFMLGLPFLAMQVALVHWPFGKAICRVWMTVDGINQFTSIFCLTVMSIDR
YLAVVHPIKSAKWRRPRTAKMITMAVWGVSLLVLPIMYAGLRSNQWGRSSCTINWPGESGAWYTGFI
YTFILGFLVPLTIICLCYLFIIHKVSSGIRVGSSKRKKSEKKVTRMVSIVAVFIFCWLPFYIFNVSSV
SMAISPTPALKGMFDFVWLTYANSCANPILYAFLSDNFKKSFQNVLCVVKVSGTDDGERSDSKQDKSRL
NETTETQRTLLNGDLQTSI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 41.2 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_001041](#)

Locus ID: 6752



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UniProt ID: [P30874](#)

RefSeq Size: 2996

Cytogenetics: 17q25.1

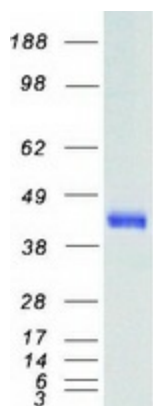
RefSeq ORF: 1107

Summary: Somatostatin acts at many sites to inhibit the release of many hormones and other secretory proteins. The biologic effects of somatostatin are probably mediated by a family of G protein-coupled receptors that are expressed in a tissue-specific manner. SSTR2 is a member of the superfamily of receptors having seven transmembrane segments and is expressed in highest levels in cerebrum and kidney. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, GPCR, Transmembrane

Protein Pathways: Neuroactive ligand-receptor interaction

Product images:



Coomassie blue staining of purified SSTR2 protein (Cat# [TP305146]). The protein was produced from HEK293T cells transfected with SSTR2 cDNA clone (Cat# [RC205146]) using MegaTran 2.0 (Cat# [TT210002]).