

## Product datasheet for **TP305146L**

### Somatostatin Receptor 2 (SSTR2) (NM\_001050) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human somatostatin receptor 2 (SSTR2), 1 mg

**Species:** Human

**Expression Host:** HEK293T

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

MDMADEPLNGSHTWLSIPFDLNGSVSTNTNSNQTEPYDLSNAVLTFIYFVWCIIGLCGNTLVIYVILR  
YAKMKTITNIYILNLIAIADELFMLGLPFLAMQVALVHWPFGKAICRVWMTVDGINQFTSIFCLTVMSIDR  
YLAVVHPIKSAKWRRPRTAKMITMAVWGVLLVLPIMYAGLRSNQWGRSSCTINWPGESGAWYTGFI  
YTFILGFLVPLTIICLCYLFIIHKVSSGIRVGSSKRKKSEKKVTRMVSIVAVFIFCWLPFYIFNVSSV  
SMAISPTPALKGMFDFVWLTYANSCANPILYAFLSDNFKKSQNVLCVVKVSGTDDGERSDSKQDKSRL  
NETTETQRTLLNGDLQTSI

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**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

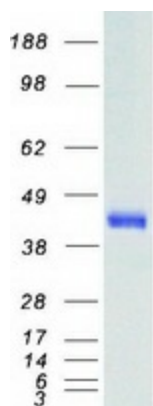
RefSeq ORF: 1107

**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]).