

Product datasheet for TP525097

Sstr2 (NM_001042606) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse somatostatin receptor 2 (Sstr2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR225097 representing NM_001042606 Red =Cloning site Green =Tags(s)
	 MEMSSEQLNQSQVWVSSPFDLNGSLGPSNGSNQTEPYDDMTSNAVLTFIYFVVCVWGLCGNTLVIYVILR YAKMKTITNIYILNLAIADLFMLGLPFLAMQVALVHWPFQKAIKRVVMTVDGINQFTSIFCLTVMSIDR YLAVWHPIKSAKWRRPRTAKMINVAVWCVSLLVLPIMYAGLRSNQWGRSSCTINWPGESGAWYTGFI YAFILGFLVPLTIICLYLFIKVKSSGIRVGSKRKSEKVVTRMVSIVAVFIFCWLPFYIFNVSSV SVAISPTPALKGMDFVILTYANSCANPILYAFLSDNFKKSQFNVLCLVKVSGTEDGERSDSKQDKSRL NETTETQRLLNGDLQTSI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	41.7 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
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 after receiving vials.
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:	<u>NP_001036071</u>
Locus ID:	20606
UniProt ID:	<u>P30875</u>



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RefSeq Size: 1110

Cytogenetics: 11 79.05 cM

RefSeq ORF: 1107

Synonyms: Smstr-2; Smstr2; SRIF-1; SS2R; sst2; SSTR-2

Summary: The protein encoded by this gene is a receptor for somatostatin, which acts at many sites to inhibit the release of several hormones and other secretory proteins. The encoded protein is a member of the superfamily of receptors having seven transmembrane segments and is involved in many processes, including adenylyl cyclase inhibition, phosphotyrosine phosphatase stimulation, and inhibition of calcium entry and cell growth. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2015]