

Product datasheet for **TP500492**

Sst (NM_009215) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse somatostatin (Sst), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR200492 protein sequence Red =Cloning site Green =Tags(s)
	 MLSCRLQCALAALCIVLALGGVGTGAPSDPRLRQFLQKSLAAATGKQELAKYFLAELLSEPNQTENDALEP EDLPQAAEQDEMRLQLRSANSNPAMAPRERKAGCKNFFWKTFSTC TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	12.7 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:	NP_033241
Locus ID:	20604
UniProt ID:	P60041 , Q545V6
RefSeq Size:	599
Cytogenetics:	16 15.0 cM
RefSeq ORF:	351



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Synonyms: Smst; SOM; SRIF; SS

Summary: Somatostatin-14: Inhibits the secretion of pituitary hormones, including that of growth hormone/somatotropin (GH1), PRL, ACTH, luteinizing hormone (LH) and TSH. Also impairs ghrelin- and GnRH-stimulated secretion of GH1 and LH; the inhibition of ghrelin-stimulated secretion of GH1 can be further increased by neuronostatin.[UniProtKB/Swiss-Prot Function]