

Product datasheet for **TP501583**

Sip1 (BC053424) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse survivor of motor neuron protein interacting protein 1 (cDNA clone MGC:59266 IMAGE:6336522), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201583 protein sequence Red =Cloning site Green =Tags(s)
	 MYVLLNCRIEAAQCPDVVVAQIDPKKLRKQSVNISVQRFSPSSRWEHGSIQAGLAQEELRVLHLLHPKA ASGRLTPRQLGFDPDASLRKVTLQHFSGNNKWHIFQLFDRVYTSIEITGNHNSWTVMWQCQNLKMKKAG KNFVWVKGYVLKGPLDRLQRKALGSIMYKLVLLCLVL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	20.4 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.
Locus ID:	66603
UniProt ID:	Q9CQQ4
RefSeq Size:	2064
Cytogenetics:	12 C1



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RefSeq ORF: 534

Synonyms: Gemin2

Summary: This gene encodes one of the proteins found in the survival of motor neuron (SMN) complex, which consists of the SMN protein and several gemin proteins. The SMN complex is localized to a subnuclear compartment called gems (gemini of coiled bodies) and is required for assembly of spliceosomal small nuclear ribonucleoproteins (snRNP) and for pre-mRNA splicing. This protein interacts directly with the SMN protein and it is required for formation of the SMN complex. Disruption of this gene in mouse resulted in impaired snRNP assembly, and motor neuron degeneration. [provided by RefSeq, Sep 2015]