

Product datasheet for **TP505071**

Srr (NM_013761) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse serine racemase (Srr), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205071 protein sequence Red =Cloning site Green =Tags(s)
	MCAQYICISFADVEKAHINIQDSIHLTPVLTSSILNQIAGRNLFFKCELFQKTGSFKIRGALNAIRGLIPD TPEEKPAWVTHSSGNHGQALTYAAKLEGIPAYIVPQTAPNCKKLAIQAYGASIVYCDPSDESREKVTQ RIMQETEGILVHPNQEPAVIAGQGTIALEVLNQVPLVDALVVPVGGGGMVAGIAITIKALPSPVKVYAAE PSNADDCYQSKLKGELTPNLHPPETIADGVKSSIGLNTWPIIRDLDVDDVFTVTEDEIKYATQLVWGRMKL LIEPTAGVALAAVLSQHFQTVSPEVKNVCIVLSSGNVDLTSLNWVWQAERPAPYQTVSV
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	36.4 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.
RefSeq:	NP_038789
Locus ID:	27364
UniProt ID:	Q9QZX7



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RefSeq Size:	3699
Cytogenetics:	11 B5
RefSeq ORF:	1020
Synonyms:	M100034; Rgsc34; Srs
Summary:	Catalyzes the synthesis of D-serine from L-serine. D-serine is a key coagonist with glutamate at NMDA receptors. Has dehydratase activity towards both L-serine and D-serine. [UniProtKB/Swiss-Prot Function]