

Product datasheet for **TP505606**

Tssk1 (NM_009435) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse testis-specific serine kinase 1 (Tssk1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205606 protein sequence Red =Cloning site Green =Tags(s)
	<p>MDDAAVLKRRGYIMGINLGEFSYAKVKSAYSERLKFNVAVKIIDRKKAPSDFLEKFLPREIEILAMLNHR SIVKTYEIFETSDGKVYIVMELGVQGDLLFIKTRGALQEDDARKKFHQLSSAIKYCHDLVDVHRDLKCE NLLLDKDFNIKLSDFGFSKRCLRDDSGRLILSKTFCGSAAYAPEVLQGIPYQPKVYDIWVSLGVILYIMV CGSMPYDDSNIKMLRIQKEHRVNFPRSKHLTGECKDLIYRMLQPDVNRRLHIDEILNHCWVQPKARGLS SGAINKEGESSRATEPSWIPEPGADKKSATKLEPREEARSEARSESKPQEDTLQVVRQSENVGLSSELNR DTEEGHPQPSETHT</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	41.6 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_033461
Locus ID:	22114
UniProt ID:	Q61241



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RefSeq Size:	1466
Cytogenetics:	16 11.09 cM
RefSeq ORF:	1098
Synonyms:	Stk22a; TSK-1; Tsk1; Tssk; Tssk1b
Summary:	Testis-specific serine/threonine-protein kinase required during spermatid development (PubMed:20053632, PubMed:23599433). Phosphorylates 'Ser-281' of TSKS (PubMed:20053632). Involved in the late stages of spermatogenesis, during the reconstruction of the cytoplasm (PubMed:20053632). During spermatogenesis, required for the transformation of a ring-shaped structure around the base of the flagellum originating from the chromatoid body (PubMed:20053632).[UniProtKB/Swiss-Prot Function]