

Product datasheet for **TP505449**

Tssk2 (NM_009436) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse testis-specific serine kinase 2 (Tssk2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205449 representing NM_009436 Red =Cloning site Green =Tags(s)
	<p>MDDAAVLRKKGYIVGINLGKGSYAKVKSAYSERLKFNVAVKIIDRKKTPDFVERFLPREMDILATVNHRSIIKTYEIFETSDGRIYVMELGVQGDLLLEFIKCRGALHEDVARKMFRQLSSAVKYCHDLDDVHRDLKCE NLLLDKDFNIKLSDFGFSKRCLRDGSGRIVLSKTFCGSAAYA APEVLQGIPYQPKVYDIWSLGVILYIMV CGSMPYDDSDIKMLRIQKEHRVDFPRSKNLTGECKDLIYRILQPDVNRRLHIDEILSHSWLQPPKPKAM SSASFKREGEGKYRADCKLDTRPGSRPEHRPDHKLATKPQQRMLVTPENEDRMEDRLAETSRAKDHHISG AEVEKAST</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	41.5 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_033462
Locus ID:	22115
UniProt ID:	Q54863



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RefSeq Size: 1403

Cytogenetics: 16 11.09 cM

RefSeq ORF: 1074

Synonyms: DGS-G; SPOGA2; Stk22b; Tsk2

Summary: Testis-specific serine/threonine-protein kinase required during spermatid development. Phosphorylates 'Ser-281' of TSKS and SPAG16. Involved in the late stages of spermatogenesis, during the reconstruction of the cytoplasm. During spermatogenesis, required for the transformation of a ring-shaped structure around the base of the flagellum originating from the chromatoid body.[UniProtKB/Swiss-Prot Function]