

Recombinant Mouse Tssk2 Protein, Myc/DDK-tagged

Cat. No. Tssk2-6699M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length testis-specific serine kinase 2 (Tssk2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	41.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Tssk2 testis-specific serine kinase 2 [Mus musculus (house mouse)]
Official Symbol	Tssk2
Synonyms	TSSK2; testis-specific serine kinase 2; testis-specific serine/threonine-protein kinase 2; TSK-2; TSSK-2; testis-specific kinase 2; serine/threonine-protein kinase 22B; testis specific serine/ threonine kinase 2; serine/threonine kinase 22B (spermiogenesis associated); Tsk2; DGS-G; SPOGA2; Stk22b
Gene ID	22115
mRNA Refseq	NM_009436
Protein Refseq	NP_033462
UniProt ID	O54863

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