

Recombinant Mouse Tssk1 Protein, Myc/DDK-tagged

Cat. No. Tssk1-6698M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length testis-specific serine kinase 1 (Tssk1), 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. 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	41.6 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	Tssk1 testis-specific serine kinase 1 [Mus musculus (house mouse)]
Official Symbol	Tssk1
Synonyms	Tssk1; testis-specific serine kinase 1; Ts; Tsk; Stk2; TSK-; Tsk1; Tssk; TSK-1; Stk22a; Tssk1b; testis-specific serine/threonine-protein kinase 1; TSSK-1; serine/threonine kinase 22A (spermiogenesis associated); serine/threonine-protein kinase 22A; testis-specific kinase 1; testis-specific serine/threonine kinase; EC 2.7.11.1
Gene ID	22114
mRNA Refseq	NM_009435
Protein Refseq	NP_033461
UniProt ID	Q61241

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