

## Recombinant Human TSSK6, His-tagged

**Cat. No.** TSSK6-142H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	TSSK6, 1-273aa, Human, His tag, E.coli
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-273aa
<b>Description</b>	<p>TSSK6, also known as testis-specific serine/threonine-protein kinase 6, is a member of the CAMK Ser/Thr protein kinase family. This protein contains one protein kinase domain. It is highly expressed in the testis and lowly expressed in the colon, prostate, thymus, small intestine, and peripheral blood leukocytes. It interacts with the heatshock proteins HSPA8, HSPCB, and HAPA1A; these interactions appear to be required for TSSK6 kinase activity. It plays a role in DNA condensation during postmeiotic chromatin remodeling. Otherwise, TSSK6 is required for sperm production and function. Recombinant human TSSK6 protein, fused to His-tag at N-terminus, was expressed in E.coli.</p>
<b>Form</b>	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea
<b>Molecular Mass</b>	32.7 kDa (296aa)
<b>AA Sequence</b>	<p>MGSSHHHHHH SSGLVPRGSH MGSMGDKLL SELGYKLGRT IGEGSYSKVK  VATSKKYKGT VAIKVVD RRR APPDFVNKFL PRELSILRGV RHPHIVHVFE  FIEVCNGKLY IVMEAAATDL LQAVQRNGRI PGVQARDLFA QIAGAVRYLH</p>

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

DHHLVHRDLK CENVLLSPDE RRVKLTDFGF GRQAHGYDDL STTYCGSAAY  
 ASPEVLLGIP YDPKKYDVWS MGVVLYVMVT GCMPFDDSDI AGLPRRQKRG  
 VLYPEGLELS ERCKALIAEL LQFSPSARPS AGQVARNCWL RAGDSG

**Purity** >80% by SDS - PAGE

**Storage** Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

**Concentration** 1mg/ml (determined by Bradford assay)

## GENE INFORMATION

**Gene Name** [TSSK6 testis-specific serine kinase 6 \[ Homo sapiens \]](#)

**Official Symbol** TSSK6

**Synonyms** TSSK6; testis-specific serine kinase 6; testis-specific serine/threonine-protein kinase 6; cancer/testis antigen 72; CT72; FLJ24002; SSTK; TSK-6; TSSK-6; testis-specific kinase 6; small serine/threonine kinase; serine/threonine protein kinase SSTK; serine/threonine-protein kinase SSTK; TSSK4; FKSG82;

**Gene ID** [83983](#)

**mRNA Refseq** [NM\\_032037](#)

**Protein Refseq** [NP\\_114426](#)

**MIM** [610712](#)

**UniProt ID** [Q9BXA6](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



<b>Chromosome Location</b>	19p13.11
<b>Function</b>	ATP binding; magnesium ion binding; nucleotide binding; protein serine/threonine kinase activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA