

Datasheet for ABIN5853645

TSSK6 Protein (AA 1-273) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	TSSK6
Protein Characteristics:	AA 1-273
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This TSSK6 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MGSSHHHHHH SSSLVPRGSH MGSMGDKLL SELGYKLGRT IGEGSYSKVK VATSKKYKGT VAIKVVDRRR APPDFVNKFL PRELSILRGV RHPHIVHVFE FIEVCNGKLY IVMEAAATDL LQAVQRNGRI PGVQARDLFA QIAGAVRYLH DHHLVHRDLK CENVLLSPDE RRVKLTDFGF GRQAHGYPD L STTYCGSAAY ASPEVLLGIP YDPKKYDVWS MGVVLYVMVT GCMPFDDSDI AGLPRRQKRG VLYPEGLELS ERCKALIAEL LQFSPSARPS AGQVARNCWL RAGDSG
Purity:	> 80 % by SDS - PAGE

Target Details

Target:	TSSK6
Alternative Name:	TSSK6 (TSSK6 Products)
Background:	TSSK6, also known as testis-specific serine/threonine-protein kinase 6, is a member of the

Target Details

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.

Molecular Weight: 32.7 kDa(296aa)

NCBI Accession: [NP_114426](#)

UniProt: [Q9BXA6](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Denatured

Restrictions: For Research Use only

Handling

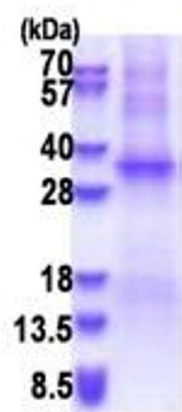
Format: Liquid

Concentration: 1 mg/mL

Buffer: Liquid. 20 mM Tris-HCl buffer (pH 8.0) containing 10 % glycerol 0.4M urea

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: 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.



15% SDS-PAGE (3ug)

SDS-PAGE
Image 1.