

Recombinant Human TSSK1B

Cat. No. TSSK1B-29568TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human TSSK1 expressed by baculovirus in Sf9 insect cells using an N terminal proprietary tag; predicted MWt: 71 kDa with the tag.
Species	Human
Source	Insect Cells
ProteinLength	367 amino acids
Description	TSSK1 belongs to a family of serine/threonine kinases highly expressed in testis (Hao et al.
Molecular Weight	71.000kDa inclusive of tags
Biological activity	The specific activity of TSSK1 was determined to be 60 nmol/min/mg.
Form	Liquid
Purity	by SDS-PAGE
Storage buffer	Preservative: None Constituents: 25% Glycerol, 50mM Tris HCl, 150mM Sodium chloride, 10mM Glutathione, 0.25mM DTT, 0.1mM EDTA, 0.1mM PMSF, pH 7.5
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids

MDAAVLKRRGYLLGINLGEESYAKVK SAYSERLKFNVAIKIIDRKKAPADFLEKFLP
 REIEILAMLNHC SIIKTYEIFETSHGKVYIVMELAVQGD LLELIKTRGALHEDEARKKFH
 QLSLAIKYCHDL DVVHRDLKCDNLLLDKDFNIKLSDFSFSKRCLRDDSGRMALSKTF
 CGSPAYAAPEVLQGIPYQPKVYDIWSLGVILYIMVCGSMPYDDSNIKKMLRIQKEHRV
 NFPRSKHLTGECKDLIYHMLQPDVNRRLHIDEILSHCWMQPKARGSPSVAINKEGES
 SRGTEPLWTPEPGSDKKSATKLEPEGEAQPQAQPETKPEGTAMQMSRQSEILGFP
 SKPSTMETEEGPPQPPETRAQ

GENE INFORMATION

Gene Name TSSK1B testis-specific serine kinase 1B [Homo sapiens]

Official Symbol TSSK1B

Synonyms TSSK1B; testis-specific serine kinase 1B; serine/threonine kinase 22D (spermiogenesis associated) , STK22D, testis specific serine kinase 1 , TSSK1; testis-specific serine/threonine-protein kinase 1; FKSG81; SPOGA4;

Gene ID 83942

mRNA Refseq NM_032028

Protein Refseq NP_114417

MIM 610709

Uniprot ID Q9BXA7

Chromosome Location 5q22.2

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Function

ATP binding; magnesium ion binding; nucleotide binding; protein serine/threonine kinase activity;

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