

Active Recombinant Full Length Human TSSK1 Protein

Cat. No. TSSK1-9934HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full-length human TSSK1 [1-367(end) amino acids of accession number NP_114417.1] was expressed as N-terminal GST-fusion protein using baculovirus expression system. GST-TSSK1 was purified by using glutathione sepharose chromatography. GST-TSSK1 was cleaved by PreScission protease and GST-free TSSK1 (42 kDa) was collected as flow-through fraction from glutathione sepharose chromatography.
Species	Human
Source	Sf21 Cells
ProteinLength	1-367
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Bio-activity	The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip™3000.
Purity	66%
Applications	SDS-PAGE
Storage	Store at -80C. Avoid repeating freeze-thaws.

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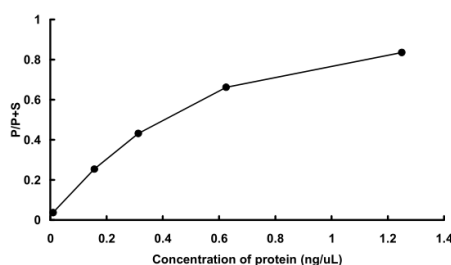
 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	testis-specific serine kinase 1B
Official Symbol	TSSK1
Synonyms	TSSK1B;FKSG81;SPOGA4;STK22D;TSK1;TSSK1
Protein Refseq	NP_114417.1
UniProt ID	Q9BXA7

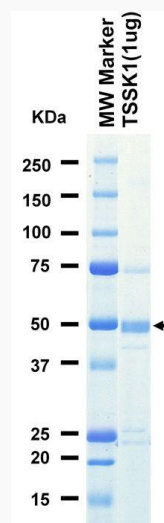
Activity data

Activity data



The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip™3000.

SDS-PAGE



The purity was assessed by SDS-PAGE/CBB staining.

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