

Recombinant Human TSSK1B (N-GST tag)

Cat No:HR2R2038

For research use only

Overview

Quantity	10 ?g
Gene Symbol	TSSK1B
Gene ID	N/A
Accession	NM_032028
Alternative Name	TSSK1, STK22D, FKSG81, SPOGA4
Species	Human
Source	Insect cells
Description	?TSSK1B (testis-specific serine kinase 1B) is a member of a unique subfamily of protein kinases belonging to the AMPK branch on the human kinome tree. TSSK1B is a serine/threonine kinases that is highly expressed in testis and lower express in pancreas, and weak expression in a few other tissues. TSSK members are present in the equatorial segment of human sperm. TSSK1B share 72% amino acid identity and 83% identity in the kinase domain with other family TSSK members and the TSSK1 gene is intronless. In vitro kinase assay shows phosphorylation of TSKS by TSSK1 and TSSK2.
Functions	The specific activity of TSSK1B was determined to be 60 nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	71
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	Store product at ?70?C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.