

Recombinant Human TSSK2 (N-GST tag)

Cat No:HR2R2039

For research use only

Overview

Quantity	10 ?g
Gene Symbol	TSSK2
Gene ID	N/A
Accession	NM_053006
Alternative Name	DGS-G, SPOGA2, STK22B, FLJ38613
Species	Human
Source	Insect cells
Description	TSSK2 is an intronless serine-threonine kinase that was originally detected on mouse chromosome 16 . TSSK2 and TSSK1 share 72% overall amino acid identity and 83% identity in the kinase domain . Real-time PCR showed abundant TSSK2 expression in testis and lower levels in heart, brain, and placenta while Western blot analysis detected TSSK2 at the predicted molecular mass of 40kDa in human sperm and testis. Co-immunoprecipitation and yeast 2-hybrid analysis show that TSSK2 can interact with a protein TSKS, that also acts as a substrate for this protein kinase.
Functions	The specific activity of TSSK2 was determined to be 136 nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	66
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.