

Recombinant Human STK19 (N-GST tag)

Cat No:HR2R1969

For research use only

Overview

Quantity	10 ?g
Gene Symbol	STK19
Gene ID	N/A
Accession	NM_004197
Alternative Name	D6S60; D6S60E; G11; HLA-RP1; RP1
Species	Human
Source	Insect cells
Description	?STK19 is a member of the serine/threonine kinase family that shows a manganese-dependent protein kinase activity and phosphorylates a-casein at ser/thr residues and histone at ser residues. STK19 contains a positively charged putative nuclear localization signal, multiple potential phosphorylation sites, 2 amidation sites, 9 potential N-myristoylation sites, and no N-glycosylation sites. STK19 has been shown to localize predominantly in the nucleus . The phosphorylation of STK19 is thought to be involved in transcriptional regulation. STK19 localizes to the major histocompatibility complex (MHC) class III region on chromosome 6 .
Functions	The specific activity of STK19 was determined to be 2 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	70
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.