Recombinant Human STK3 (N-GST tag)

Cat No:HR2R1971

For research use only

Overview

Quantity	10 ?g
Gene Symbol	STK3
Gene ID	N/A
Accession	BC010640
Alternative Name	KRS1; MST2; FLJ90748
Species	Human
Source	Insect cells
Description	STK3, also known as MST2, encodes a protein of 491-amino acid which contains an N-terminal catalytic domain characteristic of STKs . STK3 and STK4 share 94% amino acid identity in the catalytic domain and 78% identity overall. RAF1 has been shown to counteract apoptosis by suppressing the activation of mammalian sterile 20-like kinase (MST2). STK3 is a kinase that is activated by the proapoptotic agents straurosporine and FAS ligand . STK3 activation presumably allows cells to resist unfavorable environmental conditions.
Functions	The specific activity of STK3 was determined to be 277 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	87
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.