

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 staurosporine 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.