Recombinant Human STK39 (STLK3) (N-His tag)

Cat No:HR2R1976

For research use only

Overview

Quantity	10 ?g
Gene Symbol	STK39
Gene ID	N/A
Accession	NM_013233
Alternative Name	STK39; STLK3; DCHT; DKFZp686K05124; PASK; SPAK
Species	Human
Source	Insect cells
Description	STK39 (also known as serine threonine kinase 39) is involved in the cellular stress response pathway. STK39 is activated in response to hypotonic stress leading to phosphorylation of several cation-chloride-coupled co-transporters. STK39 activates the p38 MAP kinase pathway and its interaction with p38 decreases during cellular stress . STK39 acts as an intermediate in the response to cellular stress. STK39 is also an independent risk factor for hypertension in men and its intragenic SNPs can interact and function in the control of blood pressure .
Functions	The specific activity of STK39 (STLK3) was determined to be 22 nmol /min/mg as per activity assay protocol.
Formulation	50mM sodium, pHosphate, pH 7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	63
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.