Recombinant Human YSK4 (MAP3K19) (N-GST tag)

Cat No:HR2R2074

For research use only

Overview

Quantity	10 ?g
Gene Symbol	YSK4 (MAP3K19)
Gene ID	N/A
Accession	NM_025052
Alternative Name	RCK; MAP3K19
Species	Human
Source	Insect cells
Description	YSK4 (MAP3K19, RCK) belongs to STE Ser/Thr protein kinase family and STE20 subfamily. The YSK4 gene is conserved in chimpanzee, Rhesus monkey, dog, cow, mouse, and rat . The important paralog is MAP3K1 gene. The RCK ligand-binding domains form an octameric gating ring in the large-conductance Ca2+-activated K+ channels (3). The YSK4 kinase function has not been made clearly yet.
Functions	The specific activity of YSK4 (MAP3K19) was determined to be 38 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	83
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.