

Recombinant Human MRCK alpha (N-GST tag)

Cat No:HR2R1761

For research use only

Overview

Quantity	10 ?g
Gene Symbol	MRCKa
Gene ID	N/A
Accession	NM_003607
Alternative Name	CDC42BPA, MRCK, PK428, FLJ23347, KIAA0451, DKFZp686L1738, DKFZp686P1738
Species	Human
Source	Insect cells
Description	Myotonic Dystrophy Kinase-Related Cdc42-Binding Kinase a (MRCKa) is a Cdc42/Rac/Rho interactive/binding serine/threonine kinase with multiple functional domains . MRCK are effectors of RhoA and Cdc42, respectively, for actin reorganization. MRCKa is a critical regulator of signal transduction pathways in eukaryotic cells that are known principally for their role in regulating the cytoskeleton, and they do so by recruiting a variety of downstream effector proteins .
Functions	The specific activity of MRCKa was determined to be 101 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	73
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.