

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



MRCK α (L663) Peptide

Cat No.: BS9192P

Background

Protein kinases comprise a large group of encoded factors that regulate cellular processes by catalyzing the transfer of a phosphate group to a hydroxyl acceptor in serine, threonine or tyrosine residues. Myotonic dystrophy kinase-related Cdc42-binding (DMPK-like) kinases-a and b (MRCK-a, b) contain a cysteine-rich motif and a putative pleckstrin homology domain. MRCKs can phosphorylate nonmuscle myosin light chain and influences actin-myosin contractility (3,4). MRCK-a can phosphorylate and activate LIM kinases downstream of Cdc42, which leads to inactivation of ADF/cofilin and to Actin cytoskeletal reorganization. MRCK-a can also influence neurite outgrowth promoted by Cdc42 and Rac.

Swiss-Prot

Q5VT25

Applications

Blocking

Specificity

This peptide can be used with studies using BS9192 MRCK α (L663) pAb.

Purification & Purity

Synthetic peptide MRCK α (L663). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.