

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



MRCK β (F1665) Peptide

Cat No.: BS2382P

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 kinaserelated Cdc42-binding (DMPK-like) kinases- α and β (MRCK- α , β) contain a cysteine-rich motif and a putative pleckstrin homology domain. MRCKs can phosphorylate nonmuscle Myosin light chain and influences Actin-Myosin contractility. MRCK- α can phosphorylate and activate LIM kinases downstream of Cdc42, which leads to inactivation of ADF/Cofilin and to Actin cytoskeletal reorganization. MRCK- α can also influence neurite outgrowth promoted by Cdc42 and Rac.

Swiss-Prot

Q9Y5S2

Applications

Blocking

Specificity

This peptide can be used with studies using BS2382 MRCK β (F1665) pAb.

Purification & Purity

Synthetic peptide MRCK β (F1665). (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.

Bioworld Technology, Inc.

1660 South Highway 100, Suite 500 St. Louis Park, MN
55416, USA.

Email: info@bioworlde.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co, Ltd.

No 9, weidi road Qixia District Nanjing, 210046,
P, R.China.

Email: info@biogot.com

Tel: +86-025-68037686 Fax: +86-025-68035151