

MRCK beta Recombinant Protein | MRCKbeta recombinant protein

MRCK beta, Active

CATALOG # AAA73352	HOST Sf9 insect cells	APPLICATIONS Western Blot
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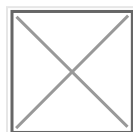
PRODUCT SYNONYMS

MRCK beta; Active; CDC42BPB; KIAA1124; MRCKbeta recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Applicable Applications for MRCKbeta recombinant protein	WB (Western Blot), Kinase Assay
Tag	GST
Species	Human
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree 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.

IMAGES



SDS-PAGE

Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.



Activity

Specific Activity: Sample Kinase Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for MRCKbeta recombinant protein	Recombinant human MRCK beta (1-473) was expressed by baculovirus in Sf9 insect cells using an N-terminal tag. The gene accession number is NM_006035. Myotonic Dystrophy Kinase-Related cdc42-binding kinase beta (MRCKbeta) belongs to the DMPK subfamily (1). The myotonic dystrophy kinase-related kinases and myotonic dystrophy kinase-related Cdc42 binding kinase (MRCK) are effectors of RhoA and Cdc42, respectively, where they are involved in actin cytoskeletal reorganization and neurite outgrowth (2). Effects of the repeat expansion on the DMPK gene may be responsible for muscle and heart features of Myotonic Dystrophy.
Product Categories/Family for MRCKbeta recombinant protein	Protein Kinases ; Angiogenesis ; Cancer ; Invasion/Metastasis ; Ser/Thr Kinases
References	1. Lam, L T. et al: Characterization of a monoclonal antibody panel shows that the myotonic dystrophy protein kinase, DMPK, is expressed almost exclusively in muscle and heart. Hum. Mol. Genet. 2000; 9(14): 2167-73. 2. Tan, I. et al: Phosphorylation of a novel myosin binding subunit of protein phosphatase 1 reveals a conserved mechanism in the regulation of actin cytoskeleton. J. Biol Chem. 2001; 276(24):21209-16.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_006035
Molecular Weight	~73kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mrck-beta-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/73352>