

MRCK beta, Active recombinant protein
MRCK, CDC42 binding protein kinase beta (DMPK-like)
Catalog # PBV11343r

Specification

MRCK beta, Active recombinant protein - Product info

Primary Accession	O9Y5S2
Concentration	0.1
Calculated MW	73.0 kDa KDa

MRCK beta, Active recombinant protein - Additional Info

Gene ID	9578
Gene Symbol	CDC42
Other Names	
MRCK, CDC42 binding protein kinase beta (DMPK-like), DMPK-like beta, Myotonic dystrophy kinase-related CDC42-binding kinase beta	

Source	Baculovirus (Sf9 insect cells)
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	HPLC;
Recombinant	Yes
Format	
Liquid	

Storage

-80°C; Recombinant protein stored in 50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.

MRCK beta, Active recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MRCK beta, Active recombinant protein - Images

MRCK beta, Active recombinant protein - Background

Myotonic Dystrophy Kinase-Related cdc42-binding kinase β (MRCK β) 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.