

Recombinant Human ROCK2 protein, MYC/DDK-tagged

Cat. No. ROCK2-672H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ROCK2 fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a serine/threonine kinase that regulates cytokinesis, smooth muscle contraction, the formation of actin stress fibers and focal adhesions, and the activation of the c-fos serum response element. This protein, which is an isozyme of ROCK1 is a target for the small GTPase Rho.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	160.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	ROCK2 Rho-associated, coiled-coil containing protein kinase 2 [Homo sapiens]
Official Symbol	ROCK2

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Synonyms	ROCK2; Rho-associated, coiled-coil containing protein kinase 2; rho-associated protein kinase 2; p164 ROCK-2; rho-associated, coiled-coil-containing protein kinase II; ROCK-II; KIAA0619;
Gene ID	9475
mRNA Refseq	NM_004850
Protein Refseq	NP_004841
MIM	604002
UniProt ID	O75116
Chromosome Location	2p24
Pathway	Axon guidance, organism-specific biosystem; Axon guidance, conserved biosystem; Axon guidance, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Developmental Biology, organism-specific biosystem; Focal Adhesion, organism-specific biosystem;
Function	ATP binding; metal ion binding; nucleotide binding; protein binding; protein serine/threonine kinase activity; structural molecule activity;