# Recombinant ROCK2 protein (His tag)

Catalog Number: 546528

### Gene Name Synonym

Rho kinase 2; Rho-associated, coiled-coil-containing protein kinase 2; Rho-associated, coiled-coil-containing protein kinase II; ROCK-II; p164 ROCK-2

### Protein Construction

DNA encoding 1-419 aa (O75116) were fused with N-terminal 6His tag.

### Organism

Human

### Expression Host

E. coli

### Activity

Not tested.

### Purity

>90%, by SDS-PAGE with Coomassie Brilliant Blue staining.

### Endotoxin

Please contact the lab for more information.

### Stability

Samples are stable for up to twelve months from date of receipt at -70℃

### Molecular Mass

Predictes a molecular mass of 49.35 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 53 kDa band.

### Formulation

Lyophilized from sterile PBS, pH 7.4

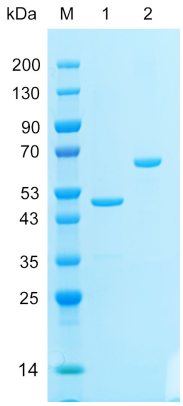
### Storage

Store it under sterile conditions at -20℃ to -80℃. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Reconstitute at 0.25 µg/µl in sterile water for short-term storage. Reconstitution with 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.

### SDS-PAGE




Recombinant ROCK2 protein (His tag) SDS-PAGE

M: Marker; Lane 1: ROCK2; Lane 2: BSA