# Certificate of Analysis

## Recombinant ROCK2 protein (His tag)

Catalog Number: 546528

### Product Information

| | |
|---|---|
| **Batch No.** | NP456425 |
| **Species** | Human |
| **Source** | E. coli |
| **Tag** | N-His tag |
| **Accession** | O75116 |
| **Molecular Weight** | Predictes a molecular mass of 49.35 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 53 kDa band. |

### Analytical Data

| Test | Specifications | Results |
|---|---|---|
| **Purity** | >90%, by SDS-PAGE with Coomassie Brilliant Blue staining. | 90% |
| **Endotoxin Level** | - | Not Tested |
| **Molecular Weight** | | Approximately 49.35 kDa band in reducing SDS-PAGE. |
| **Appearance** | | White lyophilized powder |

### Preparation and Storage

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|---|---|
| **Formulation** | Lyophilized from sterile PBS, pH 7.4 |
| **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. |
| **Storage & Stability** | Samples are stable for up to twelve months from date of receipt at -70℃<br>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. |
| **Shipping** | Ambient temperature |

This certificate summarizes the QC information recorded for the batch listed above.

**QC Signature**

QC Date: 2026-04-08

**Products are for research use only and are not intended for diagnostic or therapeutic use.**