

## Recombinant Human PRKCB, GST-tagged

Cat. No. PRKCB-1953H    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                   |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Human PRKCB protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.                                                         |
| Species          | Human                                                                                                                                                             |
| Source           | E.coli                                                                                                                                                            |
| ProteinLength    | 1-400aa                                                                                                                                                           |
| Storage          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                         |
| Storage Buffer   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

### GENE INFORMATION

|                 |                                                                                                                                                                                                   |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | PRKCB protein kinase C, beta [ Homo sapiens ]                                                                                                                                                     |
| Official Symbol | PRKCB                                                                                                                                                                                             |
| Synonyms        | PRKCB; protein kinase C, beta; PKCB, PRKCB1, PRKCB2, protein kinase C, beta 1; protein kinase C beta type; PKC-B; protein kinase C, beta 1 polypeptide; PKCB; PRKCB1; PRKCB2; PKC-beta; MGC41878; |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

|                            |                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>             | 5579                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>mRNA Refseq</b>         | NM_002738                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Protein Refseq</b>      | NP_002729                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>MIM</b>                 | 176970                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>UniProt ID</b>          | P05771                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Chromosome Location</b> | 16p12                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Pathway</b>             | Activation of NF-kappaB in B Cells, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem; African trypanosomiasis, organism-specific biosystem; African trypanosomiasis, conserved biosystem; Aldosterone-regulated sodium reabsorption, organism-specific biosystem; Aldosterone-regulated sodium reabsorption, conserved biosystem; Amoebiasis, organism-specific biosystem; |
| <b>Function</b>            | ATP binding; androgen receptor binding; chromatin binding; histone binding; histone kinase activity (H3-T6 specific); ligand-dependent nuclear receptor transcription coactivator activity; metal ion binding; nucleotide binding; protein binding; protein kin                                                                                                                                            |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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