

## Active Recombinant Human PRKACB, GST-tagged

Cat. No. PRKACB-553H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human PRKACB (Accession # NM\_002731) , fused with an N-terminal GST tag, was produced in baculovirus in Sf 9 insect cells.

**Species** Human

**Source** Sf9 Cells

**Form** Supplied in 50 mM Tris-HCl (pH 7.5), 150 mM NaCl, 0.25 mM DTT, 10 mM glutathione, 0.1 mM EDTA, 0.1 mM PMSF, and 25% glycerol.

**Bio-activity** The specific activity of PKA C $\beta$  was determined to be 430 nmol/min/mg using a synthetic peptide substrate

**Molecular Mass** In SDS-PAGE migrates as 65 kDa.

**Purity** The purity was determined to be >90% by densitometry

**Storage** Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

### GENE INFORMATION

**Gene Name** PRKACB protein kinase, cAMP-dependent, catalytic, beta [ Homo sapiens ]

 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>Official Symbol</b>	PRKACB
<b>Synonyms</b>	PRKACB; protein kinase, cAMP-dependent, catalytic, beta; cAMP-dependent protein kinase catalytic subunit beta; PKACb; PKA C-beta; protein kinase A catalytic subunit beta; cAMP-dependent protein kinase catalytic beta subunit isoform 4ab; PKACB; MGC9320; MGC41879; DKFZp781I2452;
<b>Gene ID</b>	<a href="#">5567</a>
<b>mRNA Refseq</b>	<a href="#">NM_001242857</a>
<b>Protein Refseq</b>	<a href="#">NP_001229786</a>
<b>MIM</b>	<a href="#">176892</a>
<b>UniProt ID</b>	P22694
<b>Chromosome Location</b>	1p36.1

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