

PRKCB recombinant protein

Recombinant PRKCB protein

CATALOG #
AAA60414

HOST
Baculovirus

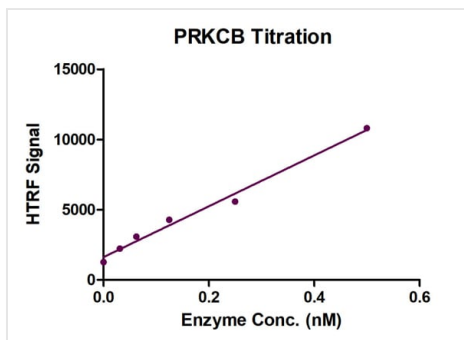
PRODUCT SYNONYMS

PRKCB; Recombinant PRKCB protein; Protein kinase C beta type; PKC-beta; PKCB; PKCbeta; PKC(2); PRKCB1; PRKCB2; PRKCB recombinant protein

PRODUCT SPECIFICATIONS

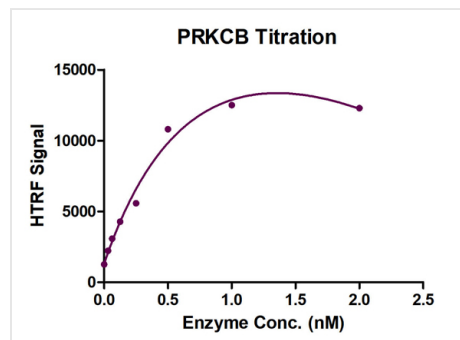
Host	Baculovirus
Form/Format	Recombinant PRKCB protein is supplied in 25 mM HEPES pH 7.5, 300 mM NaCl, 20% glycerol, 0.04% Triton X-100, 0.5 mM TCEP.
Protein Species	Human
Protein Details	Recombinant PRKCB protein was expressed in a baculovirus expression system as the full length protein (accession number NP_002729.2) with an N-terminal DYKDDDDK tag. The molecular weight of the protein is 78.3kDa.
Preparation and Storage	Recombinant proteins in solution are temperature sensitive and must be stored at -80 degree C to prevent degradation. Avoid repeated freeze/thaw cycles and keep on ice when not in storage.

IMAGES



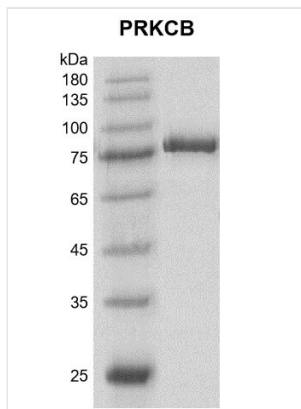
Application Data

HTRF assay for PRKCB activity 1uM STK S1 substrate was incubated with different concentrations of PRKCB protein in 10ul reaction system containing 1xEnzymatic Buffer, 10 mM MgCl₂, 1 mM DTT, 1xLipid activator and 100uM ATP for 1 hour. The 10ul detection reagents containing anti-STK antibody (1:2) and SA-XL665 (1:100) diluted with 1x Detection Buffer were added and incubated with the reactions for 30 min. All the operations and reactions were performed at room temperature. HTRF assay was used for detection.



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SDS-PAGE

Recombinant PRKCB protein gel 10% SDS-PAGE gel with Coomassie blue staining MW:
78.3kDa Purity: >95%

ADDITIONAL INFORMATION

Related Product Information for PRKCB recombinant protein	PRKCB (Protein kinase C beta type), also known as PKC-beta, PKCB, PKCbeta, PKCI(2), PRKCB1 and PRKCB2. PRKCB is a calcium-activated, phospholipid- and diacylglycerol (DAG)-dependent serine/threonine-protein kinase involved in various cellular processes such as regulation of the B-cell receptor (BCR) signalosome, oxidative stress-induced apoptosis, androgen receptor-dependent transcription regulation, insulin signaling and endothelial cells proliferation.
Product Categories/Family for PRKCB recombinant protein	Kinase ; Recombinant Proteins

NCBI AND UNIPROT INFORMATION

Molecular Weight	78.3kDa
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/prkcb-recombinant-protein-baculovirus/60414>