

Carna Biosciences, Inc.

3F, BMA, 1-5-5, Minatojima-Minamimachi, Chuo-ku, Kobe 650-0047 Japan

PHONE: +81-78-302-7091 FAX: +81-78-302-7086

e-mail: info@carnabio.com URL: http://www.carnabio.com

Product Information

IKKβ(IKBKB)

Product Number: 05-084

Product description

Truncated human IKK β [1-662 amino acids of accession number NP_001547.1] was expressed as N-terminal His-tagged protein (77 kDa) using baculovirus expression system. His-tagged IKK β was purified by using Ni-NTA affinity chromatography and anion exchange chromatography.

Storage buffer:

50 mM Tris-HCl, 150 mM NaCl, 0.1% CHAPS, 1 mM DTT, 10% glycerol, pH 7.5

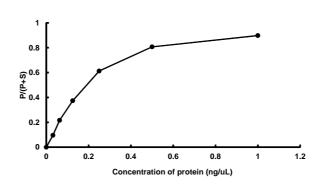
Storage and Handling:

Store at -80C. Avoid repeating freeze-thaws.

SDS-PAGE

(kDa) 250 150 100 75 25 27 27 28 28 29 15 10 15 10 -

Activity data



Purity: 98 %
The purity was assessed by SDS-PAGE/CBB staining.

The activity was measured by off-chip mobility shift assay(MSA). The enzyme was incubated with fluorecence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by MSA device.

Substrate : Modified IκBα-derived peptide

ATP: $100 \mu M$