

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

DGKy(DGKG)

Product Number: 12-103

Product description

Full-length human DGKγ [1-791(end) amino acids and T142S and R316K of accession number NP_001337.2] was expressed as N-terminal GST-fusion protein (117 kDa) using baculovirus expression system. GST-DGKγ was purified by using glutathione sepharose chromatography.

Storage buffer:

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

Storage and Handling:

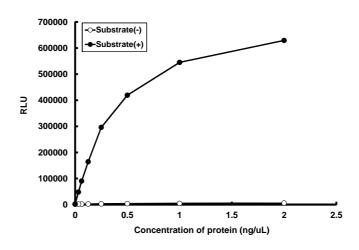
Store at -80C. Avoid repeating freeze-thaws.

SDS-PAGE

(kDa) WM Warker 150 150 100 75 37 25 20 15 10 -

Purity: 80 % The purity was assessed by SDS-PAGE/CBB staining.

Activity data



The activity was determined by ADP-Glo[™] Assay. The enzyme was incubated with Lipid substrate and Mg(or Mn)/ATP. The phosphorylation was detected by the ADP-Glo[™] Kinase Assay technology (luminescent ADP detection assay).

Substrate: Diacylglycerol and Phosphatidylserine

ATP: 100 _{uM}