

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

MSSK1(STK23)

Product Number: 04-159

Product description

Full-length human MSSK1 [1-567(end) amino acids of accession number NP_055185.2] was expressed as N-terminal GST-fusion protein (89 kDa) using baculovirus expression system. GST-MSSK1 was purified by using glutathione sepharose chromatography.

Storage buffer:

50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5

Storage and Handling:

Store at -80C.

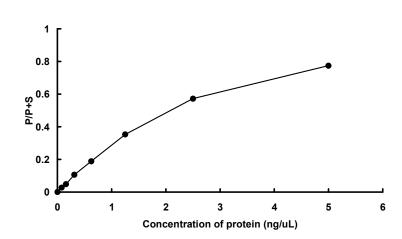
Avoid repeating freeze-thaws.

SDS-PAGE

MW Warker 150 — 150 — 150 — 150 — 25 — 20 — 15 — 151 —

Purity: 90 % The purity was assessed by SDS-PAGE/CBB staining.

Activity data



The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorecence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip $^{\text{TM}}$ 3000.

Substrate : DYRKtide-F ATP : 100 μ M