

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

FGFR2[C491A/V564L]

Product Number: 08-579

Product description

Human FGFR2, cytoplasmic domain [399-821(end) amino acids and C491A/V564L of accession number NP_000132.3] was expressed as N-terminal GST-fusion protein (75 kDa) using baculovirus expression system. GST-FGFR2[C491A/V564L] 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.



MW Marker

kDa 250

150 -100 -

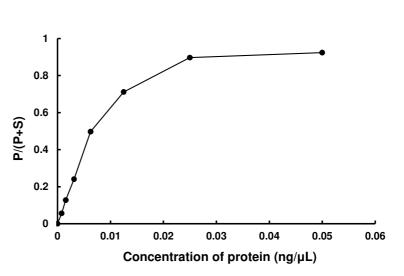
> 75 -50

37

25 20 15

SDS-PAGE

Activity data



Purity: 75 % 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 : CSKtide ATP: 100 μM