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Product Information

ALK [G1269A]

Product Number: 08-537

Product description

Human ALK, cytoplasmic domain [1058-1620(end) amino acids and G1269A, I1461V, K1491R, D1529E of accession number NP_004295.2] was expressed as N-terminal GST-fusion protein (90 kDa) using baculovirus expression system. GST-ALK[G1269A] 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

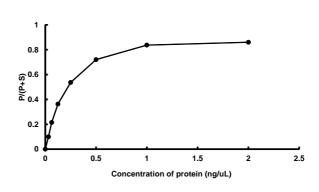
Storage and Handling:

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

SDS-PAGE

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Activity data



Purity: 73 %

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: Srctide

ATP: $100 \mu M$