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# **Product Information**

# BTN-BTK[T316A][non-activated]

Product Number: 08-418-23N

### **Product description**

Full-length human BTK [2-659(end) amino acids and T316A of accession number NP\_000052.1] was expressed as N-terminal DYKDDDDK tagged, biotinylated protein (80 kDa) using baculovirus expression system. The protein was purified by using DYKDDDDK tag antibody agarose.

### Storage buffer:

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

### Storage and Handling:

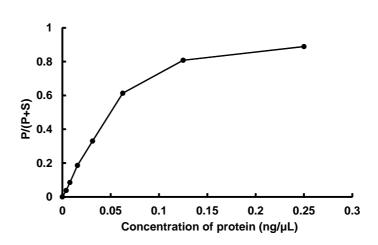
Store at -80C. Avoid repeating freeze-thaws.

### **SDS-PAGE**

# MW Marker NW Marker NW Marker 1 001 1 002 BTN-BTK[T316A]

# Purity: 92 % The purity was assessed by SDS-PAGE/CBB staining.

## **Activity data**



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:  $100 \text{ }_{\text{uM}}$