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# **Product Information**

### **KIT**

Product Number: 08-156

#### **Product description**

Human KIT, cytoplasmic domain [544-976(end) amino acids of accession number NP\_000213.1] was expressed as N-terminal GST-fusion protein (76 kDa) using baculovirus expression system. GST-KIT 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:

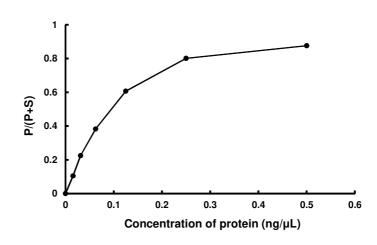
Store at -80C. Avoid repeating freeze-thaws.

#### **SDS-PAGE**

# MW Marker 150 — 150 — 100 — 75 — 50 — 37 — 25 — 20 — 15 —

Purity: 94 %
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: 1000 ...N