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# **Product Information**

## **EGFR [T790M]**

Product Number: 08-194

### **Product description**

Human EGFR, cytoplasmic domain [669-1210(end) amino acids and T790M of accession number NP\_005219.2] was expressed as N-terminal GST-fusion protein (89 kDa) using baculovirus expression system. GST-EGFR[T790M] 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.

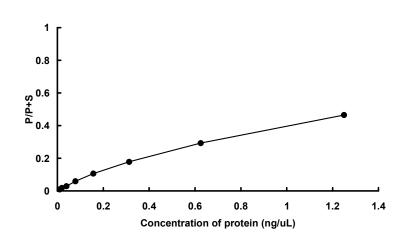
### **SDS-PAGE**

# MW Marker 1001 1001 250 1001 250 1001 37

# Purity: 61 % The purity was assessed by SDS-PAGE/CBB staining.

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### **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: Srctide

ATP:  $100 \mu M$