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# **Product Information**

# EGFR[N771GY]

Product Number: 08-110

### **Product description**

Human EGFR, cytoplasmic domain [669-1210(end) amino acids and N771GY of accession number NP\_005219.2] was expressed as N-terminal GST-fusion protein (89 kDa) using baculovirus expression system. GST-EGFR[N771GY] 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.

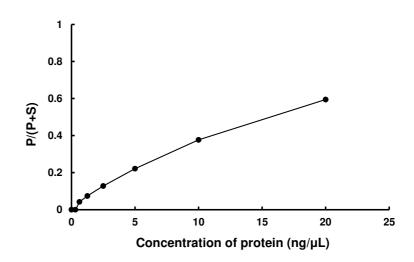
### SDS-PAGE

# (kDa) (kDa) 250 150 100 75 50 37 25 20 15 10 1

### Purity: 89 %

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 Mn/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by MSA device.

Substrate: Srctide

ATP:  $100 \mu M$