



## Product Datasheet

<b>Product Name</b>	Phosphoinositide 3-kinase p110 $\gamma$ inactive mutant Human Recombinant
<b>Cata No</b>	CB500886
<b>Source</b>	<i>Sf9 insect cells.</i>
<b>Synonyms</b>	Phosphoinositide 3-kinase p110 $\gamma$ , PI3K $\gamma$ D946.

### Description

The PI3K $\gamma$ D946A protein is a catalytically inactive mutant of PI3K $\gamma$  with a D946A mutation in the ATP binding site. This recombinant catalytically inactive protein can be used as a negative control in any kind of PI3K $\gamma$  kinase activity studies. Recombinant full length PI3K $\gamma$ DA mutant (126.3 kDa without Tag) carries a N-terminal GST-Tag which facilitates the protein's application in typical GST pull-down assays.

### Physical Appearance

Sterile filtered liquid formulation.

### Purity

Greater than 95.0% as determined by SDS Page.

### Formulation

0.5mg/ml solution in 25mM Tris, pH 8.0, 50mM NaCl, 0.5mM MgCl<sub>2</sub>, and 50% glycerol.

### Stability

PI3K $\gamma$  although stable at 4°C for 1 week, should be stored desiccated below -18°C.

For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

**Please prevent freeze-thaw cycles.**