



Phosphoinositide 3-kinase beta p110 β /p85 α Human Recombinant

Item Number	rAP-1588
Synonyms	Phosphoinositide 3-kinase beta p110b/p85a, PI3Kb, PI3Kb.
Description	Phosphoinositide 3-kinase beta Human Recombinant is a glycosilated protein having a molecular weight as follows: p85a chain 83.5 kDa, p110b chain 124.3 kDa.
Uniprot Accesion Number	
Amino Acid Sequence	
Source	Sf9 insect cells.
Physical Appearance and Stability	Sterile filtered liquid formualtion. Store at 4 $\text{\textcircled{C}}$ if entire vial will be used within 2-4 weeks. Store, frozen at -20 $\text{\textcircled{C}}$ for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Formulation and Purity	0.9 mg/ml solution in PBS and 2mM MgCl ₂ . Greater than 90.0% as determined by SDS Page.
Application	
Solubility	
Biological Activity	The specific activity was found to be 3,000 units/mg (1 unit is defined as 1 picomole phosphate transferred to PIP ₂ per minute).
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**