

# Recombinant Human PIK3CA Protein, N-His

## Summary

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<b>Catalog No.</b>	YHE35201
<b>Alternative Names</b>	Phosphoinositide-3-kinase catalytic alpha polypeptide, PIK3CA, PtdIns-3-kinase subunit p110-alpha, PI3-kinase subunit alpha, p110alpha, Serine/threonine protein kinase PIK3CA, PI3K-alpha, Phosphoinositide 3-kinase alpha, Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit alpha isoform, PI3Kalpha, PtdIns-3-kinase subunit alpha, Phosphatidylinositol 4,5-bisphosphate 3-kinase 110 kDa catalytic subunit alpha
<b>Form</b>	Lyophilized
<b>Storage buffer</b>	Lyophilized from a solution in PBS pH 7.4, 0.02% NLS, 1mM EDTA, 4% Trehalose, 1% Mannitol.
<b>Purity</b>	>90% as determined by SDS-PAGE.
<b>Applications</b>	ELISA, Immunogen, SDS-PAGE, WB, Bioactivity testing in progress
<b>Endotoxin level</b>	Please contact with the lab for this information.
<b>Expression system</b>	E. coli
<b>Accession</b>	P42336
<b>Protein length</b>	Asn345-Phe550
<b>Nature</b>	Recombinant
<b>Predicted molecular weight</b>	25.74 kDa
<b>Stability and Storage</b>	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for frequent use. Store at -20 to -80°C for twelve months from the date of receipt.

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**Recombinant Proteins & Antibodies**

<b>Reconstitution</b>	Reconstitute in sterile water for a stock solution. A copy of datasheet will be provided with the products, please refer to it for details.
<b>Species</b>	Homo sapiens (Human)
<b>Shipping</b>	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.
<b>Note</b>	For research use only.

## Data Image

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SDS-PAGE

SDS PAGE for recombinant Human PIK3CA protein