abcam

Product datasheet

Recombinant human PI 3 Kinase p85 alpha + PI 3 Kinase catalytic subunit alpha/PIK3CA protein ab268854

2 Images

Description

Product name	Recombinant human PI 3 Kinase p85 alpha + PI 3 Kinase catalytic subunit alpha/PIK3CA protein
Biological activity	The specific activity of ab268854 was 3,400 nmol/min/mg in a kinase assay using a PI(4,5)P2:PS mixture as substrate.
Purity	> 90 % SDS-PAGE. Affinity purified.
Expression system	Baculovirus infected Sf9 cells
Accession	**P42336** **P27986**
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Amino Acid Sequence 1	
Species	Human
Molecular weight information	Approx 111 kDa by SDS-PAGE
Amino acids	1 to 1068
Tags	His tag N-Terminus
Additional sequence information	GenBank: NM_006218
Amino Acid Sequence 2	
Species	Human
Molecular weight information	Approx 86 kDa by SDS-PAGE
Tags	His tag N-Terminus
Additional sequence information	GenBank: NM_181523
Description	Recombinant human PI 3 Kinase p85 alpha + PI 3 Kinase catalytic subunit alpha/PIK3CA protein (Active)

Specifications

Our **Abpromise guarantee** covers the use of **ab268854** in the following tested applications.

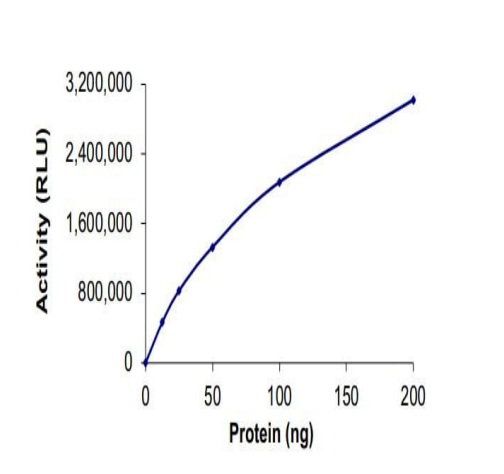
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Functional Studies
Form	Liquid
Additional notes	Subunits co-expressed.

Preparation and Storage

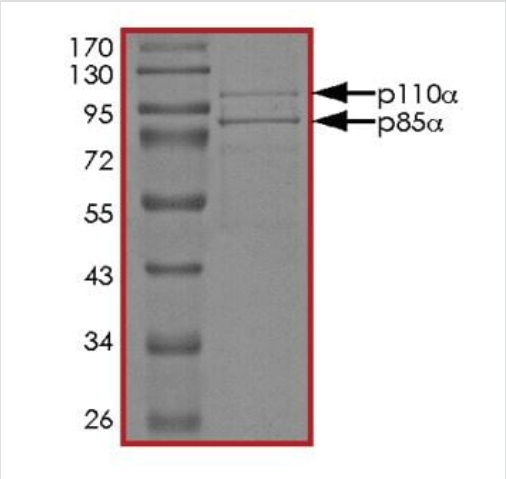
Stability and Storage	Shipped on Dry Ice. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. pH: 7.00 Preservative: 1.02% Imidazole Constituents: 0.82% Sodium phosphate, 1.74% Sodium chloride, 0.002% PMSF, 0.004% DTT, 25% Glycerol (glycerin, glycerine) This product is an active protein and may elicit a biological response in vivo, handle with caution.

Images



Functional Studies - Recombinant human PI 3 Kinase p85 alpha + PI 3 Kinase catalytic subunit alpha/PIK3CA protein (ab268854)

The specific activity of ab268854 was 3,400 nmol/min/mg in a kinase assay using a PI(4,5)P2:PS mixture as substrate.



SDS-PAGE - Recombinant human PI 3 Kinase p85 alpha + PI 3 Kinase catalytic subunit alpha/PIK3CA protein (ab268854)

SDS-PAGE analysis of ab268854.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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