
Recombinant Human PIK3R1 Protein

Catalog Number: 230-00858

Data Sheet / Certificate of Analysis (CoA)

Last Revised: 11/26/2024

Source

Species	Human
Accession Number	P27986
Gene Symbols	PIK3R1
Synonyms	PIK3R1, Phosphoinositide-3-Kinase, Regulatory Subunit 1 (Alpha), GRB1, Phosphatidylinositol 3-Kinase 85 KDa Regulatory Subunit Alpha, PtdIns-3-Kinase Regulatory Subunit Alpha, PI3K Regulatory Subunit Alpha, PI3-Kinase Subunit P85-Alpha, AGM7, Phosphatidylinositol 3-Kinase, Regulatory Subunit, Polypeptide 1 (P85 Alpha), Phosphatidylinositol 3-Kinase Regulatory Subunit Alpha, Phosphatidylinositol 3-Kinase-Associated P-85 Alpha, Phosphoinositide-3-Kinase Regulatory Subunit, PtdIns-3-Kinase Regulatory Subunit P85-Alpha, PI3-Kinase Regulatory Subunit Alpha, P85-ALPHA, IMD36, SHORT, P85
Expressed Region	Pro305-Arg724

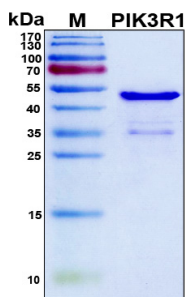
Preparation

Expression System	E. coli
Tag	N-terminal 6x histidine tag
Purity	>90%
Molecular Weight	46 kDa

Specifications

Format	Lyophilized powder
Formulation	Lyophilized from a 0.45 ?m filtered solution in 1x PBS (pH 7.4).
Concentration	Determined by Bio-Rad protein assay dye reagent concentrate.
Reconstitution	Briefly spin the vial and bring the contents to the bottom prior to opening. It is recommended to reconstitute at 0.5~1.0 mg/mL with sterile deionized water.

SDS-PAGE Image



Shipping

The product is shipped with ice packs. Upon arrival, immediately store it at the temperature recommended below.

Storage/Stability

- Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
- Upon arrival, the lyophilized protein may be stored for 2 weeks at 4°C.
- For long term storage, it is recommended to store desiccated below -20°C in a manual defrost freezer.
- Generally, the shelf life is up to 12 months from date of receipt at -20°C or -80°C under sterile conditions.
- Following reconstitution, the protein may be stored for 2 weeks under sterile conditions at -20°C. For long term storage, it is recommended to make appropriate aliquots at -20°C or -80°C.