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# Recombinant Human PIK3R5 protein (His tag)

Catalog Number:PDEH100309



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

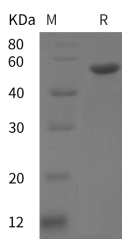
## Description

<b>Synonyms</b>	Phosphoinositide 3-kinase regulatory subunit 5; PIK3R5;PI3-kinase regulatory subunit 5
<b>Species</b>	Human
<b>Expression Host</b>	E.coli
<b>Sequence</b>	Met 1-Pro 494
<b>Accession</b>	Q8WYR1-2
<b>Calculated Molecular Weight</b>	54.2 kDa
<b>Observed molecular weight</b>	58 kDa
<b>Tag</b>	N-His & C-His

## Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	Please contact us for more information.
<b>Storage</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

## Data



> 95 % as determined by reducing SDS-PAGE.

## Background

Phosphoinositide 3-kinase regulatory subunit 5 (PIK3R5; also PI3-kinase p101 subunit, Ptdlns-3-kinase p101, and p101-PI3K) is a 97 kDa regulatory subunit of the PI3K gamma complex. It is expressed as a heterodimer with the catalytic subunit PIK3CG/p120. Human PIK3R5 is 880 amino acids (aa) in length. The heterodimerization region is made up of aa 25-101, and aa 653-753 comprise the region for interaction with G beta gamma proteins. A second 55 kDa isoform is formed by the deletion of aa 1-386.

## For Research Use Only

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