

Datasheet for ABIN7550440  
**PIK3R3 Protein (AA 1-461) (His tag)**



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## Overview

Quantity:	1 mg
Target:	PIK3R3
Protein Characteristics:	AA 1-461
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PIK3R3 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant PIK3R3 Protein expressed in mammalian cells.
Sequence:	<p>MYNTVWSMDR DDADWREVMM PYSTELIFYI EMDPPALPPK PPKPMTSAVP NGMKDSSVSL            QDAEWYWGDI SREEVNDKLR DMPDGTFLVR DASTKMQGDY TLTLRKGGNN KLIKIYHRDG            KYGFSDPLTF NSVVELINHY HHESLAQYNP KLDVKLMYPV SRYQQDQLVK EDNIDAVGKK            LQEYHSQYQE KSKEYDRLYE EYTRTSQEIQ MKRTAIEAFN ETIKIFEEQC HTQEQHSKEY            IERFRREGNE KEIERIMMNY DKLKSRLGEI HDSKMRLEQD LKNQALDNRE IDKKMNSIKP            DLIQLRKIRD QHLVWLNHKG VRQKRLNVWL GIKNEDADEN YFINEEDENL PHYDEKTFWV            EDINRVQAED LLYGKPDGAF LIRESSKKGK YACSVVADGE VKHCVIYSTA RGYGFAEPYN            LYSSLKELVL HYQQTSLVQH NDSLNVRLAY PVHAQMPSLC R <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b></p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

## Product Details

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isoform, please contact us regarding an individual offer.

### Characteristics:

#### Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

### Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

### Grade:

custom-made

## Target Details

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### Target:

PIK3R3

### Alternative Name:

PIK3R3 ([PIK3R3 Products](#))

### Background:

Phosphatidylinositol 3-kinase regulatory subunit gamma (PI3-kinase regulatory subunit gamma) (PI3K regulatory subunit gamma) (PtdIns-3-kinase regulatory subunit gamma) (Phosphatidylinositol 3-kinase 55 kDa regulatory subunit gamma) (PI3-kinase subunit p55-gamma) (PtdIns-3-kinase regulatory subunit p55-gamma) (p55PIK),FUNCTION: Binds to activated (phosphorylated) protein-tyrosine kinases through its SH2 domain and regulates their kinase activity. During insulin stimulation, it also binds to IRS-1.

### Molecular Weight:

54.4 kDa

### UniProt:

[Q92569](#)

## Application Details

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### Application Notes:

We expect the protein to work for functional studies. As the protein has not been tested for

## Application Details

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functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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