

## Recombinant Human PIK3C3 protein, His-tagged

Cat. No. PIK3C3-1723H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PIK3C3 aa. (Tyr631~Trp885) fused with N-terminal His tag was produced in E. coli cells.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Tyr631~Trp885
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	33kDa as determined by SDS-PAGE reducing conditions.
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>98%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at

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-80°C for 12 months.

**Concentration** 200µg/mL

**Storage buffer** 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.

**Reconstitution** Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

**Isoelectric Point** 6.6

## GENE INFORMATION

**Gene Name** [PIK3C3 phosphatidylinositol 3-kinase catalytic subunit type 3 \[ Homo sapiens \(human\) \]](#)

**Official Symbol** [PIK3C3](#)

**Synonyms** PIK3C3; phosphatidylinositol 3-kinase catalytic subunit type 3; VPS34; Vps34; hVps34; phosphatidylinositol 3-kinase catalytic subunit type 3; PI3-kinase type 3; PI3K type 3; PtdIns-3-kinase type 3; phosphatidylinositol 3-kinase p100 subunit; phosphoinositide-3-kinase, class 3

**Gene ID** [5289](#)

**mRNA Refseq** [NM\\_002647.3](#)

**Protein Refseq** [NP\\_002638.2](#)

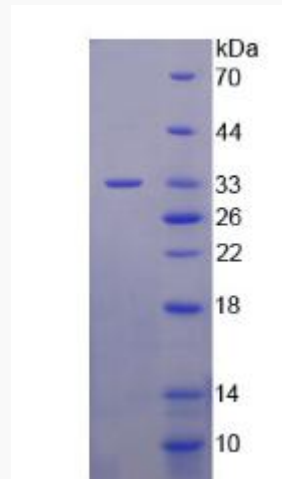
**UniProt ID** [Q8NEB9](#)

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**SDS-PAGE**



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