

Recombinant Human PIK3C3 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human PIK3C3 aa. (Tyr631~Trp885) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Tyr631~Trp885
Form	Freeze-dried powder
Molecular Mass	33kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>98%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at

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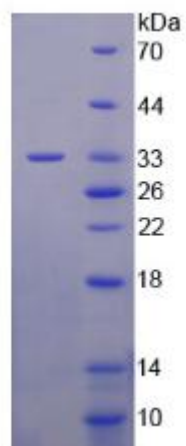
	-80°C for 12 months.
Concentration	200µg/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Isoelectric Point	6.6
GENE 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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