

## Recombinant Human PIK3C3, GST-tagged

Cat. No. PIK3C3-1717H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PIK3C3 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	600-887aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	PIK3C3 phosphoinositide-3-kinase, class 3 [ Homo sapiens ]
<b>Official Symbol</b>	PIK3C3
<b>Synonyms</b>	PIK3C3; phosphoinositide-3-kinase, class 3; phosphatidylinositol 3-kinase catalytic subunit type 3; Vps34; PI3K type 3; PI3-kinase type 3; PtdIns-3-kinase type 3; phosphatidylinositol 3-kinase p100 subunit; VPS34; hVps34; MGC61518;

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<b>Gene ID</b>	5289
<b>mRNA Refseq</b>	NM_002647
<b>Protein Refseq</b>	NP_002638
<b>MIM</b>	602609
<b>UniProt ID</b>	Q8NEB9
<b>Chromosome Location</b>	18q12.3
<b>Pathway</b>	3-phosphoinositide biosynthesis, organism-specific biosystem; 3-phosphoinositide biosynthesis, conserved biosystem; IRS-mediated signalling, organism-specific biosystem; IRS-related events, organism-specific biosystem; Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem; Inositol phosphate metabolism, organism-specific biosystem;
<b>Function</b>	1-phosphatidylinositol-3-kinase activity; ATP binding; nucleotide binding; protein binding; protein kinase activity;

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