

Recombinant Human PIK3C3, GST-tagged

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

SPECIFICATION

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

GENE INFORMATION

Gene Name	PIK3C3 phosphoinositide-3-kinase, class 3 [Homo sapiens]
Official Symbol	PIK3C3
Synonyms	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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Gene ID	5289
mRNA Refseq	NM_002647
Protein Refseq	NP_002638
MIM	602609
UniProt ID	Q8NEB9
Chromosome Location	18q12.3
Pathway	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;
Function	1-phosphatidylinositol-3-kinase activity; ATP binding; nucleotide binding; protein binding; protein kinase activity;