



# Recombinant Human Phosphoinositide 3-kinase regulatory subunit 6 (PIK3R6)

<b>Product Code</b>	CSB-MP719469HU
<b>Abbreviation</b>	PIK3R6
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q5UE93
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MESSDVELDL QRSVQAVLRE LSTQAPALQS NQGMWRWSLH KKVERDPGKS PVLVRILLRE LEKAESQDLR HVIIPLLHTV MYVLTKATGI TEELYQRIYA FCTRLTLPT PYCTVALDCA IRLKTEMAVP GTLYQRMVIA EQNLTNELYP YQERVFLFVD PELVSASVCS ALLLEIEAAQ AQQTPETCMR HVVSHALQAA LGEACHAGAL HRKLQASPRR TLEHYFHAVV AALEQMASEA SPSREGHVER LEEIYCSLLG PAAGRCGGDL VQERPPSIPL PSPYITFHLW TGEEQLWKEL VLFLRPRSQL RLSADLEVLD LQGLRPDREL ARVSVLSTDS GIERDLPTGA DELPAPGSPE MERAGLQRKG GIKKRAWPLD FLMPGSWDGP PGLHRRTGRP SGDGEMLPGV SRLHTARVLV LGDDRMLGRL AQAYHRLRKR ETQKFCLTPR LSLQLYIPV LAPEKPAASR QPELGELATF LGRVDPWYQS NVNTLCPAIIH KLAEMPPSLD TSRTVDPFIL DVITYYIRMG TQPIYFQIYT VKIFFSDLSQ DPTEDIFLIE LKVKIQDSKF PKDGFSPRRR GVAEGPGAEL SLCYQKALLS HRPREVTVSL RATGLILKAI PASDTEVSGS SHCPLPAAPV TDHTCLNVNV TEVVKSSNLA GKSFSTVTNT FRTNNIQIQS RDQRLLTSL DKDDQRTFRD VVRFEVAPCP EPCSGAQKSK APWLNHLHGQQ EVEAIKAKPK PLLMPINTFS GIVQ
<b>Source</b>	Mammalian cell
<b>Target Names</b>	PIK3R6
<b>Protein Names</b>	Recommended name: Phosphoinositide 3-kinase regulatory subunit 6 Alternative name(s): Phosphoinositide 3-kinase gamma adapter protein of 87 kDa p87 PI3K adapter protein Short name= p87PIKAP
<b>Expression Region</b>	1-754
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	Phosphoinositide 3-kinase gamma is a lipid kinase that produces the lipid



second messenger phosphatidylinositol 3,4,5-trisphosphate. The kinase is composed of a catalytic subunit and one of several regulatory subunits, and is chiefly activated by G protein-coupled receptors. This gene encodes a regulatory subunit, and is distantly related to the phosphoinositide-3-kinase, regulatory subunit 5 gene which is located adjacent to this gene on chromosome 7. The orthologous protein in the mouse binds to both the catalytic subunit and to G(beta/gamma), and mediates activation of the kinase subunit downstream of G protein-coupled receptors.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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