



Recombinant Mouse Phosphoinositide 3-kinase regulatory subunit 6 (Pik3r6)

Product Code	CSB-EP664932MO
Abbreviation	Pik3r6
Storage	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.
Uniprot No.	Q3U6Q4
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MESSDVELDF QRSVQAVLRE LNTPNPALQS NQGMWRWSLH KKVERNPGKS SILVRILLRE LEKAESEDGR RVIIPLLLTL MSVLTKATGI PEDLYHRAYT FCTRLTLPA PYSTVALDCA IRLKTETAVP GTLYQRTVIA EQNLISELYP YQERVFLFVD PELVSASVCS ALLLEIQAAQ EQQTPEACMR HVVSHALQAA LGEACHTGAL NRKLQASSRR VLEYFHAVV AAIEQVASED SPSRLGHLEK MEEIYCSLLG PATRRRHCVG DLLQDRLPSI PLPSPIYTFH LWTDQEQLWK ELVLFRLPRS QLRLSADLDA LDLQGFRLLDR DLARVSTDSG IERDLPLGSD ELPDPSSSEM ERAALQRKGG IKKRVWPPDF FMPGSWDGPP GLHRRTGRPS GDGELLPGVS RVHTARVLVL GDDRMLGRLA QAYYRLRKRE TKKFCLTPRL SLQLYYIPVL APQVTGQDPE ASRKPELGEL ASFLGRVDPW YESTVNTLCP AILKLAEMPP YLDTSRVTVDP FILDVITYYV RMGTQPIYFQ LYKVKIFTSL SHDPTEDIFL TELKVKIQDS KSPKEGSSPR RRGAAEGTGA ELSMCYQKAL LSHRPREVTV SLRATGLVLK AIPAGDTEVS GFFHCTSPNA ASATDCSCLH VSVTEVVKSS NLAGRSFTTS TNTFRTSSIQ VQSQDQRLLT LWLDKDGRRT FRDVVRFEVS PCPEPCSRTQ KSKTSALNSH GQETEKNSMAK PNSLLMPINT FSGIIQ
Source	E.coli
Target Names	Pik3r6
Protein Names	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
Expression Region	1-756
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.

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.

Shelf Life

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