



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

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| <b>Product Code</b>      | CSB-EP664932MO-B   |
| <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.<br>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>       | Q3U6Q4   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Mus musculus (Mouse)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | MESSDVELDF QRSVQAVLRE LNTPNPALQS NQGMWRWSLH<br>KKVERNPGKS SILVRILLRE LEKAESEDGR RVIIPLLLTL MSVLTKATGI<br>PEDLYHRAYT FCTRLLTLPA PYSTVALDCA IRLKTETAVP GTLYQRTVIA<br>EQNLISELYP YQERVFLFVD PELVSASVCS ALLLEIQAAQ EQQTPEACMR<br>HVVSHALQAA LGEACHTGAL NRKLQASSRR VLEYFHAVV AAIEQVASED<br>SPSRLGHLEK MEEIYCSLLG PATRRRHCVG DLLQDRLP SI PLPSPIYTFH<br>LWTDQEQLWK ELVFLRPRS QLRLSADLDA LDLQGFRLLDR DLARVSTDSG<br>IERDLPLGSD ELPDPSSSEM ERAALQRKGG IKKRVWPPDF FMPGSWDGPP<br>GLHRRTGRPS GDGELLPGVS RVHTARVLVL GDDRMLGRLA QAYYRLRKRE<br>TKKFCLTPRL SLQLYYIPVL APQVTGQDPE ASRKPELGEL ASFLGRVDPW<br>YESTVNTLCP AILKLAEMPP YLDTSRVTVDP FILDVITYYV RMGTQPIYFQ<br>LYKVKIFTSL SHDPTEDIFL TELKVKIQDS KSPKEGSSPR RRGAAEGTGA<br>ELSMCYQKAL LSHRPREVTV SLRATGLVLK AIPAGDTEVS GFFHCTSPNA<br>ASATDCSCLH VSVTEVVKSS NLAGRSFTTS TNTFRTSSIQ VQSQDQRLLT<br>LWLDKDGRRT FRDVVRFEVS PCPEPCSRTQ KSKTSALNSH GQETEKNSMAK<br>PNSLLMPINT FSGIIQ |
| <b>Source</b>            | E.coli   |
| <b>Target Names</b>      | Pik3r6   |
| <b>Protein Names</b>     | Recommended name: Phosphoinositide 3-kinase regulatory subunit 6<br>Alternative name(s): Phosphoinositide 3-kinase gamma adapter protein of 87 kDa p87 PI3K adapter protein Short name= p87PIKAP   |
| <b>Expression Region</b> | 1-756  |
| <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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