

Recombinant Mouse Pik3r3 Protein, Myc/DDK-tagged

Cat. No. Pik3r3-4866M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length phosphoinositide-3-kinase regulatory subunit 3 (Pik3r3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Binds to activated (phosphorylated) protein-tyrosine kinases through its SH2 domain and regulates their kinase activity. During insulin stimulation, it also binds to IRS-1.
Molecular Mass	54.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Pik3r3 phosphoinositide-3-kinase regulatory subunit 3 [Mus musculus (house mouse)]
Official Symbol	Pik3r3
Synonyms	PIK3R3; phosphatidylinositol 3 kinase, regulatory subunit, polypeptide 3 (p55); phosphatidylinositol 3-kinase regulatory subunit gamma; PI3-kinase subunit p55-gamma; PI3K regulatory subunit gamma; PI3-kinase regulatory subunit gamma; ptdIns-3-kinase regulatory subunit gamma; ptdIns-3-kinase regulatory subunit p55-gamma; phosphatidylinositol 3-kinase 55 kDa regulatory subunit gamma; p55pik; AA414954
Gene ID	18710
mRNA Refseq	NM_181585
Protein Refseq	NP_853616
UniProt ID	Q64143

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