

Recombinant Mouse Ppp4r3a Protein, Myc/DDK-tagged

Cat. No. Ppp4r3a-5085M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length protein phosphatase 4 regulatory subunit 3A (Ppp4r3a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Regulatory subunit of serine/threonine-protein phosphatase 4. May regulate the activity of PPP4C at centrosomal microtubule organizing centers. The PPP4C-PPP4R2-PPP4R3A PP4 complex specifically dephosphorylates H2AX phosphorylated on 'Ser-140' (gamma-H2AX) generated during DNA replication and required for DNA DSB repair.
Molecular Mass	93.8 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.

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GENE INFORMATION

Gene Name	Ppp4r3a protein phosphatase 4 regulatory subunit 3A [Mus musculus (house mouse)]
Official Symbol	Ppp4r3a
Synonyms	Ppp4r3a; protein phosphatase 4 regulatory subunit 3A; Smek; Smek1; BC064465; mKIAA2010; 1110034C04Rik; serine/threonine-protein phosphatase 4 regulatory subunit 3A; SMEK homolog 1, suppressor of mek1
Gene ID	68734
mRNA Refseq	NM_211355
Protein Refseq	NP_997594
UniProt ID	Q6P2K6

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