

PPP1R3C monoclonal antibody (M01), clone 2G9

Catalog # H00005507-M01

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant PPP1R3C.
Immunogen	PPP1R3C (AAH12625, 1 a.a. ~ 317 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSCTRMQVLDPRPLTSSVMPVDVAMRLCLAHSPPVKSFLGPYDEFQRRHFVNKLKPLKSCLNKHKAKSQNDWKCSHNAKKRVVFADSKGLSLTAIHVFSDLPEEPAWDLQFDLLDLNDISSALKHH EEKNLILDFPQPSTDYLSFRSHFQKNFVCLENCILQERTVTGTVKVKNVSEKKVQIRITFDSWKN YTDVDCVYMKNVYGGTSDTFSFAIDLPPVIPTEQKIEFCISYHANGQVFDNNDGQNYRIVHVQW KPDGVQTQMAPQDCAFHQTSPKTELESTIFGSPRLASGLFPEWQSWGRMENLASYSR
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (86)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — PPP1R3C

Entrez GeneID

[5507](#)

GeneBank Accession#	BC012625
Protein Accession#	AAH12625
Gene Name	PPP1R3C
Gene Alias	PPP1R5
Gene Description	protein phosphatase 1, regulatory (inhibitor) subunit 3C
Omim ID	602999
Gene Ontology	Hyperlink
Gene Summary	Protein phosphatase-1 (PP1; see MIM 176875) participates in the regulation of a wide variety of cellular functions by reversible protein phosphorylation. The ability of PP1 to regulate diverse functions resides in its capacity to interact with a variety of regulatory subunits that may target PP1 to specific subcellular locations, modulate its substrate specificity, and allow its activity to be responsive to extracellular signals. Several targeting subunits of PP1 have been identified, including PPP1R5, the glycogen-binding subunits PPP1R3 (MIM 600917) and PPP1R4, and the nuclear inhibitor of PP1 (PPP1R8; MIM 602636).[supplied by OMIM]
Other Designations	OTTHUMP00000020089 Phosphatase 1, regulatory inhibitor subunit 5 protein targeting to glycogen

Pathway

- [Insulin signaling pathway](#)

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)