

Recombinant Mouse Pacsin3 Protein, Myc/DDK-tagged

Cat. No. Pacsin3-4650M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length protein kinase C and casein kinase substrate in neurons 3 (Pacsin3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Plays a role in endocytosis and regulates internalization of plasma membrane proteins. Overexpression impairs internalization of SLC2A1/GLUT1 and TRPV4 and increases the levels of SLC2A1/GLUT1 and TRPV4 at the cell membrane. Inhibits the TRPV4 calcium channel activity.
Molecular Mass	48.6 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	Pacsin3 protein kinase C and casein kinase substrate in neurons 3 [Mus musculus (house mouse)]
Official Symbol	Pacsin3
Synonyms	PACSIN3; protein kinase C and casein kinase substrate in neurons 3; protein kinase C and casein kinase II substrate protein 3; AW413130; 4921507A02Rik; 6330413E15Rik
Gene ID	80708
mRNA Refseq	NM_028733
Protein Refseq	NP_083009
UniProt ID	Q99JB8

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