

Product datasheet for **TP506762**

Pacsin3 (NM_028733) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse protein kinase C and casein kinase substrate in neurons 3 (Pacsin3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR206762 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MAPEEDAGGEVLGGSFWEAGNYRRTVQRVEDGHRLCGDLVSCFQERARIEKAYAQQQLADWARKWRGAVEK
GPQYGTLEKAWHAFFTAERLSELHLEVREKLHGPDSEVRWQRGAFHRPVLGGFRESRAAEDGFRKAQ
KPWLKRLKEVEASKSYHTARKDEKTAQTRESHAKADSSMSQEQLRKLQERVGRCTKEAEKMKTYEQLT
AELNRYTPRYMEDMEQAFESCQAAERQRLFFKDVLLTLHQHLDLSSSDKFHELHRDLQQSIEAASDEED
LRWWRSTHGPMMAMNWPQFEWSLDTQRAISRKEKGGSPDEVTLTSIVPTRDGTAPPPQSPSSPGSGQD
EDWSDEESPRKVATGVRVRALYDYAGQEADELFRAGEELLKMSEEDEQGWCGQLQSGRIGLYPANYVE
CVGA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	48.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_083009
Locus ID:	80708



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UniProt ID: [Q99JB8](#), [Q543N7](#)

RefSeq Size: 1994

Cytogenetics: 2 E1

RefSeq ORF: 1275

Synonyms: 4921507A02Rik; 6330413E15Rik; AW413130

Summary: 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. [UniProtKB/Swiss-Prot Function]