

## Product datasheet for **TP300237M**

### **PACSIN2 (NM\_007229) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human protein kinase C and casein kinase substrate in neurons 2 (PACSIN2), 100 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA</b>	>RC200237 protein sequence
<b>Clone or AA Sequence:</b>	Red=Cloning site Green=Tags(s)

MSVTYDDSVGVEVSSDSFWEVGNKRTVKRIDDGHRCLSDLMNCLHERARIEKAYAQQLTEWARRWRQLV  
EKGPQYGTVEKAWMAFMSEAEVSELHLEVKASLMNDDFEKIKNWQKEAFHKQMMGGFKETKEAEDGFRK  
AQKPWAKKLKEVEAAKKAHHAACKEEKLAISREANSKADPSLNPEQLKKLQDKIEKCKQDVLKTKEYEK  
SLKELDQGTPQYMENMEQVFEQCQQFEKRLRFFREVLLVQKHLDLNSVAGYKAIYHDLEQSIRAADAV  
EDLRWFRANHGPGMAMNWPQFEWSADLNRTLRSREKKKATDGVTLTGINQTGDQSLPSKPSSTLNVPSN  
PAQSAQSQSSYNPFEDDDTGSTVSEKDDTKAKNVSSYEKTSYPTDWSDDDESNNPFSSTDANGDSNPF  
DDATSGTEVRVRYALDYEGQEHDELSFKAGDELTKMEDEDEQGWCKGRLDNGQVGLYPANYVEAIQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	55.6 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_009160](#)

Locus ID: 11252

UniProt ID: [Q9UNF0](#)

RefSeq Size: 3292

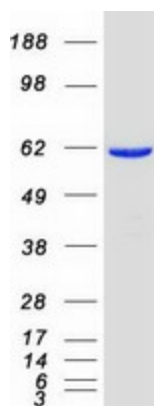
Cytogenetics: 22q13.2

RefSeq ORF: 1458

Synonyms: SDPII

**Summary:** This gene is a member of the protein kinase C and casein kinase substrate in neurons family. The encoded protein is involved in linking the actin cytoskeleton with vesicle formation by regulating tubulin polymerization. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2010]

### Product images:



Coomassie blue staining of purified PACSIN2 protein (Cat# [TP300237]). The protein was produced from HEK293T cells transfected with PACSIN2 cDNA clone (Cat# [RC200237]) using MegaTran 2.0 (Cat# [TT210002]).