

## Recombinant Human PACSIN2 Protein

Catalog #	Source	Reactivity	Applications
CRP2051	Human cells	Human	E, WB, SDS-PAGE, MS

<b>Description</b>	Recombinant Human PACSIN2 Protein is produced by our mammalian expression system and the target gene encoding Met1-Gln486 is expressed with a 6His tag at the C-terminus.
<b>Form</b>	Lyophilized from a 0.2 $\mu$ M filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
<b>Gene Symbol</b>	PACSIN2
<b>Alternative Names</b>	Protein kinase C and casein kinase substrate in neurons protein 2; Syndapin-2; Syndapin-II
<b>Entrez Gene</b>	11252 (Human)
<b>SwissProt</b>	Q9UNF0 (Human)
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE.
<b>Chemical Structure</b>	MSVTYDDSVG VEVSSDSFWE VGNYKRTVKR IDDGHRLCSD LMNCLHERAR IEKAYAQQLT EWARRWRQLV EKGPPQYGTVE KAWMAFMSEA ERVSELHLEV KASLMNDDFE KIKNWQKEAF HKQMMGGFKE TKEAEDGFRK AQKPWAKKLL EVEAAKKAHH AACKEEKLAI SREANSKADP SLNPEQLKLL QDKIEKCKQD VLKTKEKYEK SLKELDQGTP QYMENMEQVF EQCQQFEEKR LRFFREVLLV VQKHLDSLNV AGYKAIYHDL EQSIRAADAV EDLRWFRANH GPGMAMNWPQ FEEWSADLNR TLSRREKKKA TDGVTLTGIN QTGDQSLPSK PSSTLNVPSN PAQSAQSQSS YNPFEDDDT GSTVSEKDDT KAKNVSSYEK TQSYPTDWS DDESNNPFSST DANGDSNPFDDATSGTEVR VRALYDYEGQ EHDLSFKAG DELTKMEDED EQGWCKGRLLD NGQVGLYPAN YVEAIQVDHH HHHH
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/ $\mu$ g (1 IEU/ $\mu$ g) as determined by LAL test.
<b>Directions for Use</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not
<b>Application key:</b>	E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
<b>Species reactivity key:</b>	H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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