

Recombinant Human PACSIN1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PACSIN1-5046H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PACSIN1 MS Standard C13 and N15-labeled recombinant protein (NP_065855) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	PACSIN1 (Protein Kinase C And Casein Kinase Substrate In Neurons 1) is a Protein Coding gene. Diseases associated with PACSIN1 include Autosomal Recessive Non-Syndromic Intellectual Disability. Among its related pathways are Vesicle-mediated transport and Clathrin-mediated endocytosis. Gene Ontology (GO) annotations related to this gene include phospholipid binding and cytoskeletal protein binding. An important paralog of this gene is PACSIN2.
Molecular Mass	50.8 kDa
AA Sequence	MSSSYDEASLAPEETDTSFWEVGNKRTVKRIDDGHRCLNDLMNCVQERAKIEKAY GQQLTDWAKRWRQLIEKGPQYGSLEAWGAIMTEADKVSELHQEVKNNLLNEDLE KVKNWQKDAYHKQIMGGFKETKEAEDGFRKAQKPWAKKMKELEAAKKAYHLACKE EKLAMTREMNSKTEQSVTPEQQKKLQDKVDKCKQDVQKTQEKYEKVLVDVGKTTTP QYMENMEQVFECQCFEEKRLVFLKEVLLDIKRHLNLAENSSYIHVYRELEQAIRGA DAQEDLRWFRSTSGPGMMPMNWPQFEEWNPDLPHTTTKKEKQPKKAEGVALTNAT GAVESTSQAGDRGSVSSYDRGQPYATEWSDDESGNPFGGSETNGGANPFEDDSK

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GVRVRALYDYDGQEDELSEFKAGDELTKLGEEDQGWCRGRLDGQLGLYPANY
VEAITRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name PACSIN1 protein kinase C and casein kinase substrate in neurons 1 [Homo sapiens (human)]

Official Symbol PACSIN1

Synonyms PACSIN1; protein kinase C and casein kinase substrate in neurons 1; protein kinase C and casein kinase substrate in neurons protein 1; SDPI; syndapin I; KIAA1379;

Gene ID 29993

mRNA Refseq NM_020804

Protein Refseq NP_065855

MIM 606512

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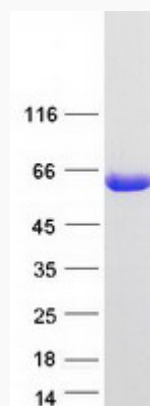
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UniProt ID

Q9BY11

SDS-PAGE

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