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	MSSSYDEASLAPEETTDSFWEVGNYKRTVKRIDDGHRLCNDLMNCVQERAKIEKAY GQQLTDWAKRWRQLIEKGPQYGSLERAWGAIMTEADKVSELHQEVKNNLLNEDLE KVKNWQKDAYHKQIMGGFKETKEAEDGFRKAQKPWAKKMKELEAAKKAYHLACKE EKLAMTREMNSKTEQSVTPEQQKKLQDKVDKCKQDVQKTQEKYEKVLEDVGKTTP QYMENMEQVFEQCQQFEEKRLVFLKEVLLDIKRHLNLAENSSYIHVYRELEQAIRGA DAQEDLRWFRSTSGPGMPMNWPQFEEWNPDLPHTTTKKEKQPKKAEGVALTNAT GAVESTSQAGDRGSVSSYDRGQPYATEWSDDESGNPFGGSETNGGANPFEDDSK

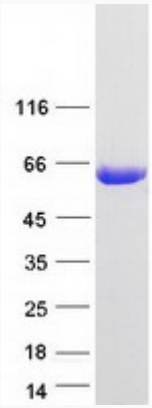
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	GVRVRALYDYDGQEQDELSFKAGDELTKLGEEDEQGWCRGRLDSGQLGLYPANY VEAITRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling 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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UniProt ID	Q9BY11
SDS-PAGE	

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