

Recombinant Human SEPTIN1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SEPTIN1-6704H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SEPT1 MS Standard C13 and N15-labeled recombinant protein (NP_443070) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene is a member of the septin family of GTPases. Members of this family are required for cytokinesis and the maintenance of cellular morphology. This gene encodes a protein that can form homo- and heterooligomeric filaments, and may contribute to the formation of neurofibrillary tangles in Alzheimer's disease. Alternatively spliced transcript variants have been found but the full-length nature of these variants has not been determined.
Molecular Mass	42 kDa
AA Sequence	MDKEYVGFAALPNQLHRKSVKKGFDFTLMVAGESGLGKSTLINSFLTNLYEDRQVP EASARLTQTIAIERRGVEIEEGGVKVKLTLDVTPGFGDSVDCSDCWLPVVKFIEEQF EQYLRDESGLNKRNQDSRVHCCLYFISPFGRGLRPLDVAFLRAVHEKVNIIPVIGKA DALMPQETQALKQKIRDQLKEEIIHIYQFPECDSDEDEDFKRQDAEMKESIPFAVVG SCEVVRDGGNRPVRRYSWGTVEVENPHHCDLNLRRMLVQTHLQDLKEVTHDL LYEGYRARCLQSLARPGARDRASRSKLSRQSATEIPLPMLPLADTEKLIREKDEELR RMQEMLEKMQAQMQQSQAQGEQSDALTRTRPLEQKLISEEDLAANDILDYKDDDD

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	KV
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	SEPTIN1 septin 1 [Homo sapiens (human)]
Official Symbol	SEPTIN1
Synonyms	SEPTIN1; septin 1; LARP; SEP1; DIFF6; SEPT1; PNUTL3; septin-1; differentiation 6 (deoxyguanosine triphosphate triphosphohydrolase); peanut-like protein 3; serologically defined breast cancer antigen NY-BR-24; EC 3.1.5.1
Gene ID	1731
mRNA Refseq	NM_052838
Protein Refseq	NP_443070
MIM	612897

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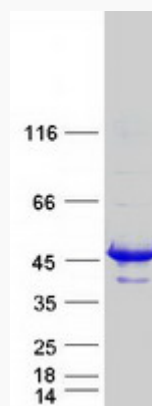
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UniProt ID

Q8WYJ6

SDS-PAGE

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