

# Recombinant Human SEPTIN9 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** SEPTIN9-2175H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | SEPT9 MS Standard C13 and N15-labeled recombinant protein (NP_006631) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Description</b>      | This gene is a member of the septin family involved in cytokinesis and cell cycle control. This gene is a candidate for the ovarian tumor suppressor gene. Mutations in this gene cause hereditary neuralgic amyotrophy, also known as neuritis with brachial predilection. A chromosomal translocation involving this gene on chromosome 17 and the MLL gene on chromosome 11 results in acute myelomonocytic leukemia. Multiple alternatively spliced transcript variants encoding different isoforms have been described. |
| <b>Molecular Mass</b>   | 63.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>AA Sequence</b>      | MERDRISALKRSFEVEEVETPNSTPPRRVQTPLLRTVASSTQKFQDLGVKNSEPSA<br>RHVDSLSQRSPKASLRRVELSGPKAAEPVSRRTLSIDISSKQVENAGAIGPSRFG<br>KRAEVLGHKTPEPAPRRTEITIVKPQESAHRMEPPASKVPEVPTAPATDAAPKRVEI<br>QMPKPAEAPTAPSPAQTLENSEPAVSQLQSRLEPKPQPPVAEATPRSQEATEAAP<br>SCVGDMADTPRDAGLKQAPASRNEKAPVDFGYVGIDSILEQMRRKAMKQGFENIM<br>VVGQSGLGKSTLINTLFKSKISRKSVQPTSEERIPKTIEIKSITHDIEEKGVRMKLTVIDT                                                                                                                                                      |

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 45-1 Ramsey Road, Shirley, NY 11967, USA

PGFGDHINNENCWQPIMKFINDQYEKYLQEEVNINRKKRIPDTRVHCCLYFIPATGHS  
LRPLDIEFMKRLSKVVNIVPIAKADTLTLEERVHFKQRITADLLSNGIDVYPQKEFDE  
DSEDRLVNEKFREMIPFAVVGSDHEYQVNGKRILGRKTKWGTIEVENTTHCEFAYLR  
DLLIRTHMQNIKDITSSIHFEAYRVKRLNEGSSAMANGVEEKEPEAPEMTRTRPLEQK  
LISEEDLAANDILDYKDDDDKV

**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** SEPTIN9 septin 9 [ Homo sapiens (human) ]

**Official Symbol** SEPTIN9

**Synonyms** SEPTIN9; septin 9; MSF; MSF1; NAPB; SEPT9; SINT1; PNUTL4; SeptD1; AF17q25; septin-9; MLL septin-like fusion protein MSF-A; Ov/Br septin; ovarian/breast septin; septin D1

**Gene ID** 10801

**mRNA Refseq** NM\_006640

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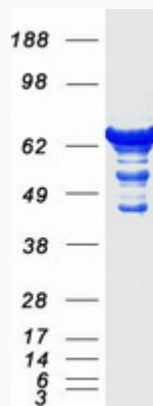
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**Protein Refseq** NP\_006631

**MIM** 604061

**UniProt ID** Q9UHD8

**SDS-PAGE**



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