

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

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

SPECIFICATION

Product Overview	SEPT9 MS Standard C13 and N15-labeled recombinant protein (NP_006631) 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 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.
Molecular Mass	63.6 kDa
AA Sequence	MERDRISALKRSFEVEEVETPNSTPPRRVQTPLLRTVASSTQKFQDLGVKNSEPSA RHVDSLSQRSPKASLRRVELSGPKAAEPVSRRTLSIDISSKQVENAGAIGPSRFG KRAEVLGHKTPEPAPRRTEITIVKPQESAHRMEPPASKVPEVPTAPATDAAPKRVEI QMPKP AEAPTAPSPAQTLENSPAPVSQLQSRLEPKPQPPVAEATPRSQEATEAAP SCVGDMA DTPRDAGLKQAPASRNEKAPVDFGYVGIDSILEQMRRKAMKQGFENIM VVGQSGLGKSTLINTLFKSKISRKSVQPTSEERIPKTIEIKSITHDIEEKGVRMKLTVIDT

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PGFGDHINNENCWQPIMKFINDQYEKYLQEEVNINRKKRIPDTRVHCCLYFIPATGHS
 LRPLDIEFMKRLSKVVNIVPVIKADTLTLEERVHFKQRITADLLSNGIDVYPQKEFDE
 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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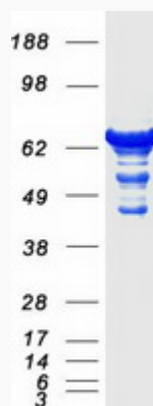
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Protein Refseq NP_006631

MIM 604061

UniProt ID Q9UHD8

SDS-PAGE



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