

Product datasheet for PH325490

MSF (SEPT9) (NM_001113496) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SEPT9 MS Standard C13 and N15-labeled recombinant protein (NP_001106968)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC225490
Predicted MW:	38.3 kDa
Protein Sequence:	>RC225490 representing NM_001113496 Red=Cloning site Green=Tags(s) MADTPRDAGLKQAPASRNEKAPVDFGYVGIDSILEQMRRKAMKQGFENIMVVGQSGLGKSTLINTLFKS KISRKSVQPTSEERIPKTIEIKSITHDIEEKGVRMCLTVIDTPGFGDHINNENCWQPIMKFINDQYEKYL QEEVNINRKKRIPDTRVHCCLYFIPATGHSLRPLDIEFMKRLSKVVNIVPVIKADTLTLEERVHFKQRI TADLLSNGIDVYPQKEFDESEDRLVNEKFREMIPFVAVGSDHEYQVNGKRILGRKTKWGTIEVENTHFC EFAYLRDLLIRTHMQNIKDITSSIHFEAYRVKRLNEGSSAMANGMEEKEPEPEM TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001106968
RefSeq ORF:	1005
Synonyms:	AF17q25; MSF; MSF1; NAPB; PNUTL4; SEPT9; SeptD1; SINT1
Locus ID:	10801
UniProt ID:	Q9UHD8



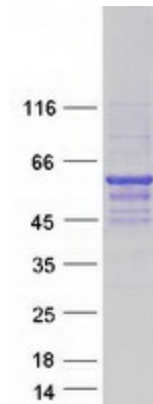
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Cytogenetics: 17q25.3

Summary: 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.[provided by RefSeq, Mar 2009]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified SEPTIN9 protein (Cat# [TP325490]). The protein was produced from HEK293T cells transfected with SEPTIN9 cDNA clone (Cat# [RC225490]) using MegaTran 2.0 (Cat# [TT210002]).