

Product datasheet for PH309525

Septin 11 (SEPT11) (NM_018243) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SEPT11 MS Standard C13 and N15-labeled recombinant protein (NP_060713)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209525
Predicted MW:	49.4 kDa
Protein Sequence:	>RC209525 protein sequence Red =Cloning site Green =Tags(s)

MAVAVGRPSNEELRNLSLSGHVGFDSLDPQLVKNKSTSQGFCFNILCVGETGIGKSTLMDTLFNTKFESDP
 ATHNEPGVRLKARSYELQESNVRLKLTIVDTVGFGDQINKDDSYKPIVEYIDAQFEAYLQEELKIKRSLF
 NYHDTRIHACLYFIAPTGHSLKSLDLVTMKKLDSKVNIIPIIAKADTIAKNELHKFKSKIMSELVSNVGVQ
 IYQFPTDEETVAEINATMSVHLPAVVGSTEEVKIGNKMAKARQYPWGVVQVENENHCDFVKLREMLIRV
 NMEDLREQTHTRHYELYRRCKLEEMGFKDTPDSKPSLQETYEAKRNEFLGELQKKEEEMRQMFVMRVK
 EKEAELKEAEKELHEKFDLLKRTHQEEKKKVEDKKKELEEEVNNFQKKKAAQLLQSQAAQSGAQTCKD
 KDKKNASFT

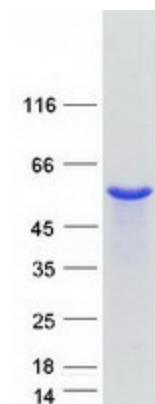
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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:	<u>NP_060713</u>
RefSeq Size:	5582
RefSeq ORF:	1287
Synonyms:	SEPT11


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Locus ID:	55752
UniProt ID:	<u>Q9NVA2</u> , <u>A0A384P5S0</u>
Cytogenetics:	4q21.1
Summary:	SEPT11 belongs to the conserved septin family of filament-forming cytoskeletal GTPases that are involved in a variety of cellular functions including cytokinesis and vesicle trafficking (Hanai et al., 2004 [PubMed 15196925]; Nagata et al., 2004 [PubMed 15485874]).[supplied by OMIM, Jul 2009]

Product images:



Coomassie blue staining of purified SEPTIN11 protein (Cat# [TP309525]). The protein was produced from HEK293T cells transfected with SEPTIN11 cDNA clone (Cat# [RC209525]) using MegaTran 2.0 (Cat# [TT210002]).