

Product datasheet for PH304253

SEPTIN1 (NM_052838) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SEPT1 MS Standard C13 and N15-labeled recombinant protein (NP_443070)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204253
Predicted MW:	42 kDa
Protein Sequence:	>RC204253 protein sequence Red=Cloning site Green=Tags(s) MDKEYVGF AALPNQLHRKSVKKGDFDTLMVAGESGLGKSTLINSFLTNLYEDRQVPEASARLTQT LAIE RRGVEIEEGGVKVLTLVDTPGFGSDVDCSDCWLPVVKFIEEQFEQYLRDESGLNRKNIQDSRVHCCLYF ISPFGRGLRPLDVAFLRAVHEKVNIIPVIGKADALMPQETQALKQKIRDQLKEEIIHIYQFPECDSDEDE DFKRQDAEMKESIPFAVVGSCVVRDGGNRPVGRRRYSWGTVVEVENPHHCDFLNLRRMLVQTHLQDLKEV THDLLYEGYRARCLQSLARPGARDRASRSKLSRQSATEIPLPMLPLADTEKLIREKDEELRRMQEMLEKM QAQMQQSQAQGEQSDAL TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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_443070
RefSeq Size:	1609
RefSeq ORF:	1101
Synonyms:	DIFF6; LARP; PNU TL3; SEP1; SEPT1
Locus ID:	1731



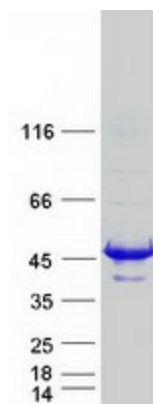
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UniProt ID: [Q8WYJ6](#), [J3KNL2](#)

Cytogenetics: 16p11.2

Summary: 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. [provided by RefSeq, Dec 2012]

Product images:



Coomassie blue staining of purified SEPTIN1 protein (Cat# [TP304253]). The protein was produced from HEK293T cells transfected with SEPTIN1 cDNA clone (Cat# [RC204253]) using MegaTran 2.0 (Cat# [TT210002]).