

Product datasheet for **TP304253L**

SEPTIN1 (NM_052838) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human septin 1 (SEPT1), 1 mg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC204253 protein sequence
Red=Cloning site **Green**=Tags(s)

MDKEYVGFAALPNQLHRKSVKKGFDFTLMVAGESGLGKSTLINSFLTNLYEDRQVPEASARLTQTLAIE
RRGVEIEEGGVKVKLTLDVTPGFGDSVDCSDCWLPVVKFIEEQFEQYLRDESGLNKNIQDSRVHCCLYF
ISPFGRGLRPLDVAFLRAVHEKVNIIPVIGKADALMPQETQALKQKIRDQLKEEIIHIYQFPECDSDEDE
DFKRQDAEMKESIPFAVVGSCVVRDGGNRPVGRRRYSWGTVEVENPHHCDFLNLRRMLVQTHLQDLK
EV
THDLLYEGYRARCLQSLARPGARDRASRSKLSRQSATEIPLPMLPLADTEKLIREKDEELRRMQEMLEKM
QAQMQQSQAQGEQSDAL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 41.8 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

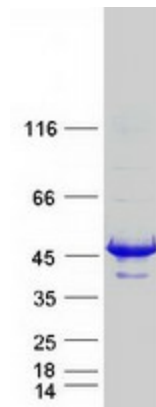
RefSeq: [NP_443070](#)



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Locus ID:	1731
UniProt ID:	Q8WYJ6
RefSeq Size:	1609
Cytogenetics:	16p11.2
RefSeq ORF:	1101
Synonyms:	DIFF6; LARP; PNUTL3; SEP1; SEPT1
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]).