

## Product datasheet for **TP304253**

### SEPTIN1 (NM\_052838) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human septin 1 (SEPT1), 20 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC204253 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MDKEYVGF AALPNQLHRKSVKKGDFDTLMVAGESGLGKSTLINSFLTNLYEDRQVPEASARLTQTLAIE  
RRGVEIEEGGVKVKLTLVDTPGFGDSVDCSDCWLPVVKFIEEQFEQYLRDESGLNRKNIQDSRVHCCLYF  
ISPFGRGLRPLDVAFLRAVHEKVNIIPIVIGKADALMPQETQALKQKIRDQLKEEIIHIYQFPECDSDEDE  
DFKRQDAEMKESIPFAVVGSCVVRDGGNRPVRRYRYSWGTVEVENPHHCDFLNRMLVQTHLQDLKEV  
THDLLYEGYRARCLQSLARPGARDRASRSKLSRQSATEIPLPMLPLADTEKLIREKDEELRRMQEMLEKM  
QAQMQQSQAQGEQSDAL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

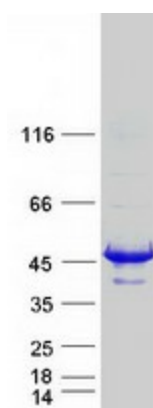
**Tag:** C-Myc/DDK  
**Predicted MW:** 41.8 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  
**Preparation:** Recombinant protein was 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](#)  
**Locus ID:** 1731



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UniProt ID:	<a href="#">Q8WYJ6</a> , <a href="#">J3KNL2</a>
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]).