

## Product datasheet for **TP316253M**

### Septin 8 (SEPT8) (NM\_001098813) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human septin 8 (SEPT8), transcript variant 4, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC216253 representing NM_001098813 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MNTLFNTTFETEEASHHEACVRLRPQTYDLQESNVQLKLTIVDAVGFQDQINKDESYRPIVDYIDAQFEN YLQEELKIRRSFLDYHDTRIHVCLYFITPTGHSLSKSLDLVTMKKLDSKVNIIPPIAKADTISKSELHKKF IKIMGELVSNQVQIYQFPTDDEAVAEINAVMNAHLPFVAVVGSTEEVKVGNKLVRRARQYPWGVQVENENH CDFVKLREMLIRVNMEDLREQTHSRHYELRCKLEEMGFQSDGDSQPFSLQETYEAKRKEFLSELQRK EEEMRQMFVNKVKETELELKEKERELHEKFEHLKRVHQEERKRVVEEKRRLEEEETNAFNRRKAAVEALQS QALHATSQQPLRKDKDKKN</p> <p><b>TR</b>TRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	43.3 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:	<a href="#">NP_001092283</a>
Locus ID:	23176



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UniProt ID: [Q92599](#)

RefSeq Size: 4270

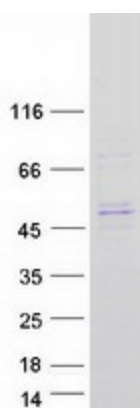
Cytogenetics: 5q31.1

RefSeq ORF: 1107

Synonyms: SEP2; SEPT8

**Summary:** This gene is a member of the septin family of nucleotide binding proteins, originally described in yeast as cell division cycle regulatory proteins. Septins are highly conserved in yeast, *Drosophila*, and mouse, and appear to regulate cytoskeletal organization. Disruption of septin function disturbs cytokinesis and results in large multinucleate or polyploid cells. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2014]

### Product images:



Coomassie blue staining of purified SEPTIN8 protein (Cat# [TP316253]). The protein was produced from HEK293T cells transfected with SEPTIN8 cDNA clone (Cat# [RC216253]) using MegaTran 2.0 (Cat# [TT210002]).