

## Product datasheet for PH322095

### Septin 8 (SEPT8) (NM\_001098811) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	SEPT8 MS Standard C13 and N15-labeled recombinant protein (NP_001092281)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC222095
Predicted MW:	55.6 kDa
Protein Sequence:	>RC222095 representing NM_001098811 Red=Cloning site Green=Tags(s)

MAATDLERFSNAEPEPRSLSLGGHVGFDLSDQLVSKSVTQGFQSFNILCVGETGIGKSTLMNTLFNTTFF  
TEEASHHEACVRLRPQTYDLQESNVQLKLTIVDAVGFQDQINKDESYRPIVDYIDAQFENYLQEELKIRR  
SLFDYHDTRIHVCLYFITPTGHSLSKSLDLVTMKKLDKVNIIPIIAKADTISKSELHKFKIKIMGELVSN  
GVQIYQFPTDDEAVAEINAVMNAHLPFAYVVGSTEEVKVGNKLVRRARQYPWGVVQVENENHCDFVKLREML  
IRVNMDLREQTHSRHYELYRRCKLEEMGFQSDGDSQPFSLQETYEAKRKEFLSELQRKEEEMRQMFVN  
KVKETELELKEKERELHEKFEHLKRVHQEERKVEEKRELEEEETNAFNRRKAAVEALQSQUALHATSQQP  
LRKDKDKNRSDIGAHQPGMSLSSKVMMTKASVEPLNCSWWPAIQCCSCLVRDATWREGFL

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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<a href="#">NP_001092281</a>
RefSeq Size:	2889
RefSeq ORF:	1449
Synonyms:	SEP2; SEPT8



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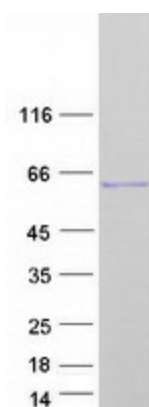
Locus ID: 23176

UniProt ID: [Q92599](#)

Cytogenetics: 5q31.1

**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# [TP322095]). The protein was produced from HEK293T cells transfected with SEPTIN8 cDNA clone (Cat# [RC222095]) using MegaTran 2.0 (Cat# [TT210002]).