

Product datasheet for PH316253

Septin 8 (SEPT8) (NM_001098813) Human Mass Spec Standard

Product data:

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|---------------------------------------|---|
| Product Type: | Mass Spec Standards |
| Description: | SEPT8 MS Standard C13 and N15-labeled recombinant protein (NP_001092283) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC216253 |
| Predicted MW: | 43.3 kDa |
| Protein Sequence: | >RC216253 representing NM_001098813 Red=Cloning site Green=Tags(s) MNTLFNTTFETEEASHHEACVRLRPQTYDLQESNVQLKLTIVDAVGFQDQINKDESYRPIVDYIDAQFEN YLQEELKIRRSLFDYHDTRIHVCLYFITPTGHSLKSLDLVTMKKLDKVNIIPIIAKADTISKSELHKFK IKIMGELVSNQVQIYQFPTDDEAVAEINAVMNAHLPFVAVVGSTEEVKVGNKLVRRARQYPWGVVQVENENH CDFVKLREMLIRVNMEDLREQTHSRHYELYRCKLEEMGFQSDGDSQPFSLQETYEAKRKEFLSELQRK EEEMRQMFVNKVKETELELKEKERELHEKFEHLKRVHQEERKVEEKRRLEEEETNAFNRRKA AVEALQS QALHATSQQPLRKDKDKKN 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_001092283 |
| RefSeq Size: | 4270 |
| RefSeq ORF: | 1107 |
| Synonyms: | SEP2; SEPT8 |
| Locus ID: | 23176 |



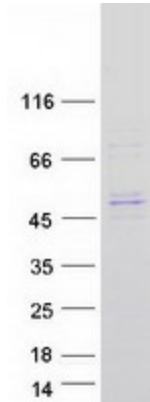
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UniProt ID: [Q92599](#)

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