

Product datasheet for TP313550M

Septin 8 (SEPT8) (NM_015146) Human Recombinant Protein

Product data:

| | |
|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Homo sapiens septin 8 (SEPT8), transcript variant 2, 100 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC213550 representing NM_015146 Red =Cloning site Green =Tags(s) |
| | <p>MAATDLERFSNAEPEPRSLSLGGHVGFDSLDPDQLVSKSVTQGFSEFNILCVGETGIGKSTLMNTLFNTTFF TEEASHHEACVRLRPQTYDLQESNVQLKLTIVDAVGFQDQINKDESYRPIVDYIDAQFENYLQEELKIRR SLFDYHDTRIHVCLYFITPTGHSLSKSLDLVTMKKLDSKVNIIPIAKADTISKSELHKFKIKIMGELVSN GVQIYQFPTDDEAVAEINAVMNAHLPFVAVGSTEVEKVGKLVRRARQYPWGVVQVENENHCDFVKLREML IRVNMEDLREQTHSRHYELYRRCKLEEMGFQDSDGDSQPFSLQETYEAKRKEFLSELQRKEEEMRQMFVN KVKETELELKEKERELHEKFEHLKRVHQEEKRQVEEKRRLEEEETNAFNRRKAAVEALQSQUALHATSQQP LRKDKDKKN</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Tag: | C-Myc/DDK |
| Predicted MW: | 49.6 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: | <u>NP_055961</u> |

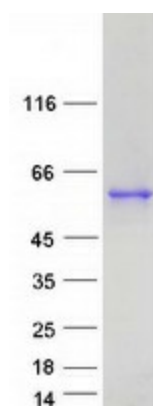


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Locus ID: 23176
UniProt ID: [Q92599](#)
RefSeq Size: 4344
Cytogenetics: 5q31.1
RefSeq ORF: 1287
Synonyms: SEP2; SEPT8

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# [TP313550]). The protein was produced from HEK293T cells transfected with SEPTIN8 cDNA clone (Cat# [RC213550]) using MegaTran 2.0 (Cat# [TT210002]).