

Product datasheet for **TP304244**

SEPTIN6 (NM_145802) Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human septin 6 (SEPT6), transcript variant V, 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC204244 protein sequence Red =Cloning site Green =Tags(s) |
| | MAATDIARQVGEGCRTVPLAGHVGFDLSDQLVNKSVSQGFCFNILCVGETGLGKSTLMDTLFNTKFEGE PATHTQPGVQLQSNTYDLQESNVRLKLTIVSTVGFQDINKEDSYKPIVEFIDAQFEAYLQEELKIRRVL HTYHDSRIHVCLYFIAPTGHSLKSLDLVTMKKLDSKVNIIIAKADAISKSELTKFKIKITSELVSNV QIYQFPTDDESVAEINGTMNAHLPFAVIGSTEELKIGNKMMRARQYPWGTQVENEAHCDFVKLREMLIR VNMEDLREQTHTRHYELYRCKLEEMGFKDTPDPSKPFSLQETYEAKRNEFLGELQKKEEEMRQMFVQRV KEKEAELKEAKELHEKFDRLKHLHQDEKKKLEDKKKSLDDEVNAFKQRKTA AELLQSQGSQAGGSQTLK RDKEKKNFF TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Predicted MW: | 49 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_665801</u> |

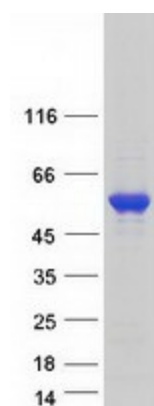


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| | |
|---------------|---|
| Locus ID: | 23157 |
| UniProt ID: | Q14141 , Q548C9 |
| RefSeq Size: | 2564 |
| Cytogenetics: | Xq24 |
| RefSeq ORF: | 1287 |
| Synonyms: | SEP2; SEPT2; SEPT6 |

Summary: This gene is a member of the septin family of GTPases. Members of this family are required for cytokinesis. One version of pediatric acute myeloid leukemia is the result of a reciprocal translocation between chromosomes 11 and X, with the breakpoint associated with the genes encoding the mixed-lineage leukemia and septin 2 proteins. This gene encodes four transcript variants encoding three distinct isoforms. An additional transcript variant has been identified, but its biological validity has not been determined. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified SEPTIN6 protein (Cat# TP304244). The protein was produced from HEK293T cells transfected with SEPTIN6 cDNA clone (Cat# [RC204244]) using MegaTran 2.0 (Cat# [TT210002]).