

## Product datasheet for TP306957

### SEPTIN6 (NM\_015129) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human septin 6 (SEPT6), transcript variant II, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206957 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MAATDIARQVGEGRCTVPLAGHVGFDLSPDQLVNKSVSQGFCFNILCVGETGLGKSTLMDTLFNTKFEGE          PATHTQPGVQLQSNTYDLQESNVRLKLTIVSTVGFQDINKEDSYKPIVEFIDAQFEAYLQEELKIRRVL          HTYHDSRIHVCLYFIAPTGHSLKSLDLVTMKKLDSKVNIIIAKADAISKSELTKFKIKITSELVSNV          QIYQFPTDDESVAEINGTMNAHLPFAVIGSTEELKIGNKMMRARQYPWGTQVENEAHCDFVKLREMLIR          VNMEDLREQTHTRHYELYRCKLEEMGFKDTPDPSKPFSLQETYEAKRNEFLGELQKKEEEMRQMFVQRV          KEKEAELKEAEKELHEKFDRLKHLHQDEKKKLEDKKKSLDDEVNAFKQRKTA AELLQSQGSQAGGSQTLK          RDKEKKNNPWLCTE</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-Myc/DDK
Predicted MW:	49.5 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><a href="#">NP_055944</a></u>

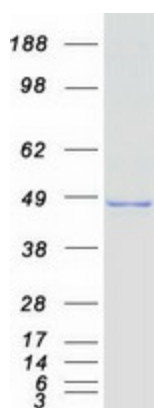


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Locus ID:	23157
UniProt ID:	<a href="#">Q14141</a>
RefSeq Size:	3387
Cytogenetics:	Xq24
RefSeq ORF:	1302
Synonyms:	SEP2; SEPT2; SEPT6

**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# TP306957). The protein was produced from HEK293T cells transfected with SEPTIN6 cDNA clone (Cat# [RC206957]) using MegaTran 2.0 (Cat# [TT210002]).