

Product datasheet for TP506812

Sept6 (BC010489) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse septin 6 (cDNA clone MGC:19033 IMAGE:4168214), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206812 protein sequence Red =Cloning site Green =Tags(s)
	<p>MAAADIAHQVGEDCRTCRTVPLAGHVGFDLSDQLVKNKSVSQGFCFNILCVGETGLGKSTLMDTLFNTKFEGE PATHTQPGVQLQSNTYDLQESNVGLKLTIVSTVGFQDQINKEDSYKPIVEFIDAQFEAYLQEELKIRRVL HSYHDSRIHVCLYFIAPTGHSLKSLDLVTMKKLDSKVNIIPIAKSDAISKSELAKFKIKITSELVSNV QIYQFPTDDESVEINGTMNAHLPFVAVGSTEVEKIGNKMMRARQYPWGTQVQVENEAHCDFVKLREMLIR VNMEDLREQTHARHYELYRRCKLEEMGFKDTPDSKPFSLQETYEAKRNEFLGELQKKEEEMRQMFVQRV KEKEAELKEAEKELHEKFDRLKKLHQEEKKLEDKKKCLDEEMNAFKQRKAAAEQLLSQGSQAGGSQTLK RDKEKKN</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	48.8 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
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 after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Locus ID:	56526
UniProt ID:	Q9R1T4



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RefSeq Size:	2126
Cytogenetics:	X A3.3
RefSeq ORF:	1281
Synonyms:	2810035H17Rik; C920001C06Rik; mKIAA0128; Sep6
Summary:	Filament-forming cytoskeletal GTPase. Required for normal organization of the actin cytoskeleton. Involved in cytokinesis. Forms a filamentous structure with SEPTIN12, SEPTIN6, SEPTIN2 and probably SEPTIN4 at the sperm annulus which is required for the structural integrity and motility of the sperm tail during postmeiotic differentiation (By similarity). [UniProtKB/Swiss-Prot Function]