Recombinant Human SEPTIN6 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SEPTIN6-3368H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SEPT6 MS Standard C13 and N15-labeled recombinant protein (NP_055944) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	49.7 kDa
AA Sequence	MAATDIARQVGEGCRTVPLAGHVGFDSLPDQLVNKSVSQGFCFNILCVGETGLGKS TLMDTLFNTKFEGEPATHTQPGVQLQSNTYDLQESNVRLKLTIVSTVGFGDQINKED SYKPIVEFIDAQFEAYLQEELKIRRVLHTYHDSRIHVCLYFIAPTGHSLKSLDLVTMKKL DSKVNIIPIIAKADAISKSELTKFKIKITSELVSNGVQIYQFPTDDESVAEINGTMNAHLP FAVIGSTEELKIGNKMMRARQYPWGTVQVENEAHCDFVKLREMLIRVNMEDLREQT HTRHYELYRRCKLEEMGFKDTDPDSKPFSLQETYEAKRNEFLGELQKKEEEMRQM

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	FVQRVKEKEAELKEAEKELHEKFDRLKKLHQDEKKKLEDKKKSLDDEVNAFKQRKT AAELLQSQGSQAGGSQTLKRDKEKKNNPWLCTETRTRPLEQKLISEEDLAANDILDY KDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	SEPTIN6 septin 6 [Homo sapiens (human)]
Official Symbol	SEPTIN6
Synonyms	SEPTIN6; septin 6; SEP2; SEPT2; SEPT6; septin-6; septin 2
Gene ID	23157
mRNA Refseq	NM_015129
Protein Refseq	NP_055944
MIM	300683

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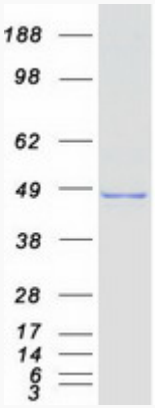
UniProt ID	Q14141
SDS-PAGE	

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