

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	MAATDIARQVGEGCRTVPLAGHVGFDSPDQLVNKSVSQGFCFNILCVGETGLGKS TLMDTLFNTKFEGEPATHHTQPGVQLQSNTYDLQESNVRLKLTIVSTVGFGDQINKED SYKPIVEFIDAQFEAYLQEELKIRRVLHTYHDSRIHVCLYFIAPTGHSLKSLDLVTMCKL DSKVNIPIIAKADAISKSELTKFKIKITSELVSNGVQIYQFPTDDESVAEINGTMNAHLP FAVIGSTEELKIGNKMMRRARQYPWGTQVQVNEAHCDFVKLREMLIRVNMEDLREQT HTRHYELYRRCKLEEMGFKDTPDPSKPFSLQETYEAKRNEFLGELQKKEEEMRQM

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FVQRVKEKEAELKEAEKELHEKFDRLKKLHQDEKKKLEDKKKSLDDEVNAFKQRKT
AAELLQSQGSQAGGSQTLKRDKEKKNPWLCCTETRTRPLEQKLISEEDLAANDILDY
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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