Recombinant Human SEPTIN8 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SEPTIN8-1636H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SEPT8 MS Standard C13 and N15-labeled recombinant protein (NP_001092283) 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 nucleotide binding proteins, originally described in yeast as cell division cycle regulatory proteins. Septins are highly conserved in yeast, Drosophila, and mouse, and appear to regulate cytoskeletal organization. Disruption of septin function disturbs cytokinesis and results in large multinucleate or polyploid cells. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	43.3 kDa
AA Sequence	MNTLFNTTFETEEASHHEACVRLRPQTYDLQESNVQLKLTIVDAVGFGDQINKDESY RPIVDYIDAQFENYLQEELKIRRSLFDYHDTRIHVCLYFITPTGHSLKSLDLVTMKKLD SKVNIIPIIAKADTISKSELHKFKIKIMGELVSNGVQIYQFPTDDEAVAEINAVMNAHLPF AVVGSTEEVKVGNKLVRARQYPWGVVQVENENHCDFVKLREMLIRVNMEDLREQT HSRHYELYRRCKLEEMGFQDSDGDSQPFSLQETYEAKRKEFLSELQRKEEEMRQM FVNKVKETELELKEKERELHEKFEHLKRVHQEEKRKVEEKRRELEEETNAFNRRKAA VEALQSQALHATSQQPLRKDKDKKNTRTRPLEQKLISEEDLAANDILDYKDDDDKV

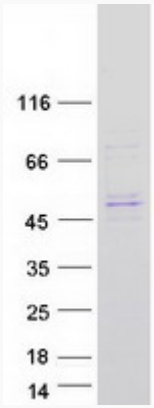
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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration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

GENE INFORMATION

Gene Name	SEPTIN8 septin 8 [Homo sapiens (human)]
Official Symbol	SEPTIN8
Synonyms	SEPTIN8; septin 8; SEP2; SEPT8; septin-8; KIAA0202
Gene ID	23176
mRNA Refseq	NM_001098813
Protein Refseq	NP_001092283
MIM	608418
UniProt ID	Q92599

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SDS-PAGE	

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