Recombinant Human SEPTIN14 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SEPTIN14-3774H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SEPT14 MS Standard C13 and N15-labeled recombinant protein (NP_997249) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	SEPT14 is a member of the highly conserved septin family of GTP-binding cytoskeletal proteins implicated in membrane transport, apoptosis, cell polarity, cell cycle regulation, cytokinesis, and other cellular functions.
Molecular Mass	49.8 kDa
AA Sequence	MAERTMAMPTQIPADGDTQKENNIRCLTTIGHFGFECLPNQLVSRSIRQGFTFNILCV GETGIGKSTLIDTLFNTNLKDNKSSHFYSNVGLQIQTYELQESNVQLKLTVVETVGYG DQIDKEASYQPIVDYIDAQFEAYLQEELKIKRSLFEYHDSRVHVCLYFISPTGHSLKSL DLLTMKNLDSKVNIIPLIAKADTISKNDLQTFKNKIMSELISNGIQIYQLPTDEETAAQAN SSVSGLLPFAVVGSTDEVKVGKRMVRGRHYPWGVLQVENENHCDFVKLRDMLLCT NMENLKEKTHTQHYECYRYQKLQKMGFTDVGPNNQPVSFQEIFEAKRQEFYDQCQ REEEELKQRFMQRVKEKEATFKEAEKELQDKFEHLKMIQQEEIRKLEEEKKQLEGEII DFYKMKAASEALQTQLSTDTKKDKHRKKTRTRPLEQKLISEEDLAANDILDYKDDDD KV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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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	SEPTIN14 septin 14 [Homo sapiens (human)]
Official Symbol	SEPTIN14
Synonyms	SEPTIN14; septin 14; SEPT14; septin-14
Gene ID	346288
mRNA Refseq	NM_207366
Protein Refseq	NP_997249
MIM	612140
UniProt ID	Q6ZU15

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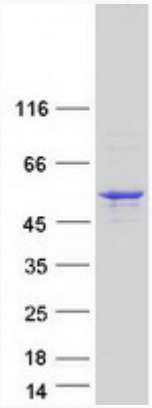
SDS-PAGE	

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