

Recombinant Human SEPT1, HIS-tagged

Cat. No. SEPT1-30600TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 1-174 of Human SEPT1 with N terminal His tag. MWt ~20kDa;
Species	Human
Source	E.coli
ProteinLength	1-174 a.a.
Description	This gene is a member of the septin family of GTPases. Members of this family are required for cytokinesis and the maintenance of cellular morphology. This gene encodes a protein that can form homo- and heterooligomeric filaments, and may contribute to the formation of neurofibrillary tangles in Alzheimers disease.
Conjugation	HIS
Form	Lyophilised:Reconstitution with 119 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	(Amino acid sequence (Sequence determined by 5 Sequencing))MDKEYVGFAALPN QLHRKSVKKGFD F TLMVAGESGLGKSTLINSFLTNLYEDRQVPEASARLT QTLAIE

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RRGVEIEEGGVKVKLTLDVTPGFGDSVDCSDCWLPVVKFIEEQFEQYLRDESGLNR
KNIQDSRVHCCLYFISPFGRGLRPLDVAFLRAVHEKVNIIPVIGKADA

GENE INFORMATION

Gene Name SEPT1 septin 1 [Homo sapiens]

Official Symbol SEPT1

Synonyms SEPT1; septin 1; DIFF6; septin-1; PNUTL3;

Gene ID 1731

mRNA Refseq NM_052838

Protein Refseq NP_443070

MIM 612897

Uniprot ID Q8WYJ6

Chromosome Location 16p11.1

Pathway Aurora B signaling, organism-specific biosystem; Bacterial invasion of epithelial cells, organism-specific biosystem; Bacterial invasion of epithelial cells, conserved biosystem;

Function GTP binding; nucleotide binding; protein binding;

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