

Recombinant Human SEPT2, HIS-tagged

Cat. No. SEPT2-31400TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein, corresponding to amino acids 1-361 of Human Septin 2 with N terminal His tag. MWt 46kDa;
Species	Human
Source	E.coli
ProteinLength	1-361 a.a.
Description	Septin 2, also known as SEPT2, is a protein which in humans is encoded by the SEPT2 gene.
Conjugation	HIS
Form	Lyophilised:Reconstitution with 98 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	MSKQQPTQFINPETPGYVGFANLPNQVHRKSVKKGFEFTL MVVGESGLGKSTLINS LFLTDLYPERVIPGAAEKIERT VQIEASTVEIEERGVLRLTVVDTPGYGDAINCRDCF K TIISYIDEQFERYLHDESGLNRRHIIDNRVHCCFYFISPF GHGLKPLDVAFMKAIHNK VNIVPVIKADTLTLKERER LKKRILDEIEEHNIKIYHLPDAESDEDEDFKEQTRLLK A

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SIPFSVVGSNQLIEAKGKKVRGRLYPWGVVEVENPEH NDFLKLRTMLITHMQDLQE
VTQDLHYENFRSERLKRGGRK VENEDMNKDQILLEKEAELRRMQEMIARMQAQMQ
MQMQ GGDGDGGALGHHV

Full Length Full L.

GENE INFORMATION

Gene Name [SEPT2 septin 2 \[Homo sapiens \]](#)

Official Symbol SEPT2

Synonyms SEPT2; septin 2; DIFF6, NEDD5, neural precursor cell expressed, developmentally down regulated 5; septin-2; hNedd5; KIAA0158; Pnutl3;

Gene ID [4735](#)

mRNA Refseq [NM_001008491](#)

Protein Refseq [NP_001008491](#)

MIM [601506](#)

Uniprot ID [Q15019](#)

Chromosome Location 2q37.3

Pathway CDC42 signaling events, organism-specific biosystem;

Function GTP binding; enzyme regulator activity; nucleotide binding; protein binding; protein complex scaffold;

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