

Recombinant Human SEPT2, HIS-tagged

Cat. No. SEPT2-31399TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Septin 2 with N terminal His tag; 381 amino acids with a predicted MWt 43.6kDa including tag.
Species	Human
Source	E.coli
ProteinLength	361 amino acids
Description	Septin 2, also known as SEPT2, is a protein which in humans is encoded by the SEPT2 gene.
Conjugation	HIS
Molecular Weight	43.600kDa inclusive of tags
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 10% Glycerol, 0.1M Sodium chloride, 20mM Tris HCl, 1mM DTT, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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Sequences of amino acids

MGSSHHHHHSSGLVPRGSHMSKQQPTQFINPETPGYVGFANLPNQVHRKSVKKG
 FEFTLMVVGESGLGKSTLINSFLTDLYPERVISGAAEKIERTVQIEASTVEIEERGVLK
 RLTVVDTPGYGDAINCRDCFKTIISYIDEQFERYLHDESGLNRRHIIDNRVHCCFYFIS
 PFGHGLKPLDVAFMKAIHNKVNIPIAKADTLTKERERLKKRILDEIEEHNIKIYHLP
 DAESDEDEDFKEQTRLLKASIPFSVVGSNQLIEAKGKKVRGRLYPWGVVEVENPEH
 NDFLKLRTMLITHMQDLQEVTQDLHYENFRSERLKRGRKVENEDMNKDQILLEKE
 AELRRMQEMIARMQAQMOMQMGGDGDGGALGHHV

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;

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Function

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

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