

Product datasheet for AR39061PU-N

Septin-5 (SEPT5) (1-369, His-tag) Human Protein

Product data:

OriGene Technologies, Inc.

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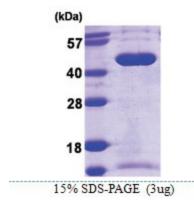
Product Type:	Recombinant Proteins
Description:	Septin-5 (SEPT5) (1-369, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMSTGLRY KSKLATPEDK QDIDKQYVGF ATLPNQVHRK SVKKGFDFTL MVAGESGLGK STLVHSLFLT DLYKDRKLLS AEERISQTVE ILKHTVDIEE KGVKLKLTIV DTPGFGDAVN NTECWKPITD YVDQQFEQYF RDESGLNRKN IQDNRVHCCL YFISPFGHGL RPVDVGFMKA LHEKVNIVPL IAKADCLVPS EIRKLKERIR EEIDKFGIHV YQFPECDSDE DEDFKQQDRE LKESAPFAVI GSNTVVEAKG QRVRGRLYPW GIVEVENQAH CDFVKLRNML IRTHMHDLKD VTCDVHYENY RAHCIQQMTS KLTQDSRMES PIPILPLPTP DAETEKLIRM KDEELRRMQE MLQRMKQQMQ DQ
Tag:	His-tag
Predicted MW:	45.2 kDa
Concentration:	lot specific
Purity:	>90%
Purity: Buffer:	>90% Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 40% glycerol, 0.3M NaCl, 1 mM DTT
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Buffer: Preparation: Protein Description:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 40% glycerol, 0.3M NaCl, 1 mM DTT Liquid purified protein Recombinant human SEPT5 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.
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Buffer: Preparation: Protein Description: Storage: Stability:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 40% glycerol, 0.3M NaCl, 1 mM DTT Liquid purified protein Recombinant human SEPT5 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Buffer: Preparation: Protein Description: Storage: Stability: RefSeq:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 40% glycerol, 0.3M NaCl, 1 mM DTT Liquid purified protein Recombinant human SEPT5 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch. <u>NP 001009939</u>



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	Septin-5 (SEPT5) (1-369, His-tag) Human Protein – AR39061PU-N
Synonyms:	CDCREL; CDCREL-1; CDCREL1; H5; HCDCREL-1; PNUTL1; SEPT5
Summary:	This gene is a member of the septin gene 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. This gene is mapped to 22q11, the region frequently deleted in DiGeorge and velocardiofacial syndromes. A translocation involving the MLL gene and this gene has also been reported in patients with acute myeloid leukemia. Alternative splicing results in multiple transcript variants. The presence of a non-consensus polyA signal (AACAAT) in this gene also results in read-through transcription into the downstream neighboring gene (GP1BB; platelet glycoprotein lb), whereby larger, non-coding transcripts are produced. [provided by RefSeq, Dec 2010]
Protein Families	Druggable Genome
Protein Pathway	s: Parkinson's disease

Product images:



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