9051 Mira Mesa Blvd, #910094
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SEPT5 Human

Septin-5 Human Recombinant
RCP2028

Product Overview

Name	SEPT5 Human
Description	
Septin-5 Human Recombinant	
Accession (Primary)	Q99719
Synonyms	
Septin 5, PNUTL1, H5, HCDCREL-1, CDCREL-1, cell division control related protein 1, Peanut-like protein 1 (Drosophila), platelet glycoprotein Ib beta chain.	
Introduction	
SEPT5 is a member of the septin gene family of nucleotide binding proteins which were initially defined in yeast as cell division cycle regulatory proteins. Septins are extremely conserved in yeast, Drosophila, and mouse and seem to regulate cytoskeletal organization. Interference of septin function disrupts cytokinesis and results in high multinucleate or polyploid cells.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
SEPT5 protein (0.25mg/ml) is supplied in 20mM Tris-HCL, pH-8, 0.3M NaCl, 1mM DTT and 40% Glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MSTGLRY 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	

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QRVRGRLYPW GIVEVENQAH CDFVKLRNML IRTHMHDLKD VTCDVHYENY RAHCIQQMTS KLTQDSRMES

PIPILPLPTP DAETEKLIRM KDEELRRMQE MLQRMKQQMQ DQ

Precautions

SEPT5 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q99719)