9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-4800: Recombinant Human Septin-5

Alternative Name : Septin 5,PNUTL1,H5,HCDCREL-1,CDCREL-1,cell division control related protein 1,Peanut-like protein 1 (Drosophila),platelet glycoprotein Ib beta chain.

Description

Source : Escherichia Coli. SEPT5 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 392 amino acids (1-369) and having a molecular mass of 45.2 kDa.The SEPT5 is fused to a 23 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	SEPT5 protein (0.25mg/ml) is supplied in 20mM Tris-HCL, pH-8, 0.3M NaCl, 1mM DTT and 40% Glycerol.
Storage condition :	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.
Amino Acid :	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

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