

Septin-5 Human Recombinant

Item Number	rAP-4745
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.
Description	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.
Uniprot Accession Number	Q99719
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSTGLRY KSKLATPEDK QDIDKQYVGF ATLPNQVHRK SVKKGFDFTL MVAGESGLGK STLVHSLFLT DLYKDRKLLS AEERISQTVE ILKHTVDIEE KGVKCLKTIV DTPGFGDAVN NTECWKPITD YVDQQFEQYF RDESGLNLRKN IQDNRVHCCL YFISPFHGHL RPVDVGMKA LHEKVNIVPL IAKADCLVPS EIRKLERIR EEIDKFGIHV YQFPECDSDE DEDFKQQDRE LKESAPFAVI GSNTVVEAKG QRVRGRLYPW GIVEVENQAH CDFVKLRNML IRTMHMDLKD VTCDVHY- ENY RAHCIQQMTS KLTQDSRMES PIPILPLPTP DAETEKLRM KDEELRRMQE MLQRMKQQMQ DQ
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	SEPT5 protein (0.25mg/ml) is supplied in 20mM Tris-HCL, pH-8, 0.3M NaCl, 1mM DTT and 40% Glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**