

Septin-2 Human Recombinant

Item Number	rAP-4744
Synonyms	Septin 2, DIFF6, NEDD5, hNedd5, Pnutl3, NEDD-5.
Description	SEPT2 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 381 amino acids (1-361 a.a.) and having a molecular mass of 43.6kDa. SEPT2 is fused to a 20 amino acid His Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q15019
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MSKQQPTQFI NPETPGYVGF ANLPNQVHRK SVKKGFEFTL MVGESGLGK STLINSLFLT DLYPERVISG AAKEIERTVQ IEASTVEIEE RGVKLRLTVV DTPGYGDAIN CRDCFKTIIS YIDEQFERYL HDESGLNRRH IIDNRVHCCF YFISPFHGHL KPLDVAFMKA IHNKVNIQPV IAKADTLTLK ERERLKKRIL DEIEEHNIKI YHLPDAESDE DEDFKEQTRL LKASIPFSVV GSNQLIEAKG KKVRGRLYPW GVVEVENPEH NDFLKLRTML ITHMQDLQEV TQDLHYENFR SERLKRGGGRK VENEDMNKDQ ILLEKEAELR RMQEMIARMQ AQMQMQMQGG DGDGGALGHH V.
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	SEPT2 solution (0.25mg/1ml) containing 20mM Tris-HCl buffer (pH8.0), 0.1M NaCl, 1mM DTT and 10% glycerol. Greater than 90% 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**