

Septin-6 Human Recombinant

Item Number	rAP-4746
Synonyms	Septin 6, Septin 2, SEP2, KIAA0128, SEPT2.
Description	SEPT6 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 457 amino acids (1-434) and having a molecular mass of 52.1 kDa. SEPT6 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q14141
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMAATDIA RQVGEGCRTV PLAGHVGFDL LPDQLVNKSV SQGFCFNILC VGETGLGKST LMDTLFNTKF EGEPATHTQP GVQLQSNTYD LQESNVRLKL TIVSTVGFQD QINKEDSYKP IVEFIDAQFE AYLQEELKIR RVLHTYHDSR IHVCLYFIAP TGHSLKSLDL VTMKKLDSKV NIIPIIAKAD AISKSELTKF KIKITSELVS NGVQIQFPT DDESVAEING TMNAHLPFAV IGSTEELKIG NKMMRARQYP WGTVQVENEH HCDVFKLREM LIRVNMEDLR EQTHTRHYEL YRRCK- LEEMG FKDTPDSKP FSLQETYEAK RNEFLGELQK KEEEMRQMFV QRVKEKEAEL KEAEKELHEK
Source	E.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	The SEPT6 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 0.1M NaCl 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**