

32-4801: Recombinant Human Septin-6

Alternative Name : Septin 6, Septin 2, SEP2, KIAA0128, SEPT2.

Description

Source : E.coli. 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. SEPT6 is a member of the septin family of GTPases and is functionally involved in cytokinesis and conservation of cellular morphology. SEPT6 interact with SEPT2. The genes encoding the mixed-lineage leukemia and SEPT2 breakpoint proteins are associated with one type of pediatric acute myeloid leukemia which is caused by reciprocal translocation between chromosomes 11 and X.

Product Info

Amount :	20 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	The SEPT6 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 0.1M NaCl and 10% 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 SSSLVPRGSH MGSMATDIA RQVGEGCRTV PLAGHVGFDSP LPDQLVNKSV SQGFCFNILC VGETGLGKST LMDTLFNTKF EGEPATHTQP GVQLQSNTYD LQESNVRLKL TIVSTVGFQD QINKEDSYKP IVEFIDAQFE AYLQEELKIR RVLHTYHDSR IHVCLYFIAP TGHSLKSLDL VTMKKLDSKV NIIPIAKAD AISKSELTKF KIKITSELVS NGVQIYQFPT DDESVAEING TMNAHLPFV IGSTEELKIG NKMMRARQYP WGTVQVENEH HCDVFKLREM LIRVNMEDLR EQTHTRHYEL YRRCKLEEMG FKDTDPDSKP FSLQETYEAK RNEFLGELQK KEEEMRQMFV QRVKEKEAEL KEAEKELHEK FDRLKKLHQD EKKKLEDKSK SLDDEVNAFK QRKTAELPQ SQGSQAGGSQ TLKRDKEKKN NPWLCTE

