9051 Mira Mesa Blvd, #910094
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SEPT6 Human

Septin-6 Human Recombinant
RCP2029

Product Overview

Name	SEPT6 Human
Description	
Septin-6 Human Recombinant	
Accession (Primary)	Q14141
Synonyms	
Septin 6, Septin 2, SEP2, KIAA0128, SEPT2.	
Introduction	
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.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The SEPT6 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 0.1M NaCl and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MAATDIA RQVGEGCRTV PLAGHVGFDS LPDQLVNKSV SQGFCFNILC VGETGLGKST LMDTLFNTKF EGEPATHTQP GVQLQSNTYD LQESNVRLKL TIVSTVGFGD QINKEDSYKP IVEFIDAQFE AYLQEELKIR RVLHTYHDSR IHVCLYFIAP TGHSLKSLDL VTMKKLDSKV NIIPIIAKAD AISKSELTKF KIKITSELVS NGVQIYQFPT DDESVAEING TMNAHLPFAV IGSTEELKIG NKMMRARQYP WGTVQVENEA HCDFVKLREM LIRVNMEDLR EQTHTRHYEL YRRCKLEEMG FKDTDPDSKP FSLQETYEAK RNEFLGELQK	

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KEEEMRQMFV QRVKEKEAEL KEAEKELHEK FDRLKKLHQD EKKKLEDKKK SLDDEVNAFK QRKTAAELPQ SQGSQAGGSQ TLKRDKEKKN NPWLCTE

Precautions

SEPT6 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q14141)