9051 Mira Mesa Blvd, #910094
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RAP2A Human

RAP2A, Member RAS Oncogene Family Human Recombinant
RCP1810

Product Overview

Name	RAP2A Human
Description	
RAP2A, Member RAS Oncogene Family Human Recombinant	
Accession (Primary)	P10114
Synonyms	
Ras-related protein Rap-2a, RbBP-30, RAP2A, KREV, RAP2, K-REV.	
Introduction	
RAP2A belongs to the RAS oncogene family and a Ras-like small G protein. The RAP2A protein shares 60% identity with Rap1A and exhibits a carboxy-terminal CAAX motif and 2 upstream cysteines similar to those of the H-Ras, K-Ras and N-Ras proteins. In contrast with Rap1A and Rap1B, overexpression of RAP2A doesn't obstruct the Ras signaling pathway.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The RAP2A solution (1 mg/ml) 20mM Tris-HCl buffer (pH8.0), 0.1M NaCl, 1mM DTT 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 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MREYKVVVLG SGGVGKSALT VQFVTGTFIE KYDPTIEDFY RKEIEVDSSP SVLEILDTAG TEQFASMRDL YIKNGQGFIL VYSLVNQQSF QDIKPMRDQI IRVKRYEKVP VILVGNKVDL ESEREVSSSE GRALAEEWGC PFMETSAKSK TMVDELFAEI VRQMNYAAQP DKDDPCCSAC.	
Precautions	
RAP2A Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (P10114)