

RAP1B

Recombinant Human Ras-related protein Rap-1b, C-terminal deletion

Catalog No.	CSI13790	Quantity:	50 µg
Alternate Names:	RAP1B, member of RAS oncogene family, Ras-proximate 1B, deletion of 17 C-terminal residues		
Description:	Rap (Ras-proximate) proteins are GTPases that belong to the Ras superfamily of small GTP binding proteins. Rap1B is known to antagonize the mitotic and transforming activity of Ras. Rap1B can be activated by cAMP known to either stimulate or inhibit cell proliferation. The deletion of 17 C-terminal amino acids in Rap1B Δ C leads to the loss of the phosphorylation site Ser179 and the geranyl-geranylation site. Protein preparation is 53% GDP- and 47% GTP-loaded, measured by HPLC.		
UniProt ID:	P61224		
GeneID:	5908		
Source:	<i>E. coli</i>		
Molecular Weight:	19.0 kDa (167 amino acids)		
Formulation:	64 mM Tris- HCl, 5 mM DTE, 400 mM NaCl, 10 mM MgCl ₂ , 0.1 mM GDP, pH 7.0		
Purity:	> 95% by SDS-PAGE		
Storage & Stability:	Store at -80°C for up to 1 year. Upon initial thaw, prepare aliquots and store at -80°C. Avoid freeze-thaw cycles.		

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