

RAP1B, Member RAS Oncogene Family Human Recombinant

Item Number	rAP-3580
Synonyms	RAP1B, member of RAS oncogene family, DKFZp586H0723, K-REV, RAL1B, GTP-binding protein smg p21B, Ras family small GTP binding protein RAP1B, RAS-related protein RAP1B, small GTP binding protein.
Description	RAP1B produced in E.Coli is a single, non-glycosylated polypeptide chain containing 201 amino acids (1-181.a.a) and having a molecular mass of 22.6kDa. RAP1B is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P61224
Amino Acid Sequence	MGSSHHHHH SSSLVPRGSH MREYKLVVLG SGGVGKSALT VQFVQGIFVE KYDPTIEDSY RKQVEVDAQQ CMLEILD TAG TEQFTAMRDL YMKNQGQFAL VYSITAQSTF NDLQDLREQI LRVKD TDDVP MILVGNKCDL EDERVVGKEQ GQNLARQWNN CAFLESSAKS KINVNEIFYD LVRQINRKTP VPGKARKKSS C.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear 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). Please avoid freeze thaw cycles.
Formulation and Purity	The RAP1B protein solution (0.25mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 5mM DTT and 20% 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**