

RAP1B recombinant protein

Recombinant Human RAP1B, Member RAS Oncogene Family

CATALOG #
AAA38893

HOST
E Coli

PRODUCT SYNONYMS

RAP1B; Recombinant Human RAP1B; Member RAS Oncogene Family; RAP1B Human; Member RAS Oncogene Family Human Recombinant; 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; RAP1B recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	The RAP1B protein solution (0.25mg/1ml) is formulated in 20 mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 5mM DTT and 20% glycerol. Sterile Filtered clear solution.
Sequence	MGSSHHH HHHSSGLVPR GSHMRE YKLVLGSGG VGKSALTQVF VQGIFVEKYD PTIEDSYRKQ VEVDAQQCML EILDTAGTEQ FTAMRDLYMK NGQGFALVYS ITAQSTFNDL QDLREQILRV KDTDDVPMIL VGNKCDLEDE RVVGKEQGQN LARQWNNCAF LESSAKSKIN VNEIFYDLVR QINRKTPVPG KARKKSSC
Sequence Length	184
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree C for longer periods of time. Please avoid freeze thaw cycles. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for RAP1B recombinant 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. Introduction: RAP1B is a member of a superfamily of RAS-like small GTP-binding proteins which takes part in cell signaling. RAP1B owns an intrinsic GTPase activity and is universally expressed in mammalian tissues. The alleged effector domain of Ras proteins, whose integrity is required for cell transformation as well as interaction with the putative effector protein GAP, is conserved in both Rap 1 proteins.
Product Categories/Family for RAP1B recombinant protein	Recombinant & Natural Proteins; Recombinant Proteins; Member RAS Oncogene Family

NCBI AND UNIPROT INFORMATION

NCBI GI #	58219792
NCBI GeneID	5908
NCBI Accession #	NP_001010942.1
NCBI GenBank Nucleotide #	NM_001010942.2
UniProt Accession #	P61224; P09526; Q502X3; Q5TZR4; Q6DCA1; Q6LES0; B2R5Z2; B4DQI8; B4DW74; B4DW94
Molecular Weight	16,033 Da

NCBI Official Full Name	ras-related protein Rap-1b isoform 1
NCBI Official Synonym Full Names	RAP1B, member of RAS oncogene family
NCBI Official Symbol	RAP1B
NCBI Official Synonym Symbols	K-REV; RAL1B
NCBI Protein Information	ras-related protein Rap-1b; GTP-binding protein smg p21B; RAS-related protein RAP1B; Ras family small GTP binding protein RAP1B
UniProt Protein Name	Ras-related protein Rap-1b
UniProt Gene Name	RAP1B
UniProt Entry Name	RAP1B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rap1b-recombinant-protein-e-coli/38893>