

RAP2A recombinant protein

Recombinant Human RAP2A, Member RAS Oncogene Family

CATALOG # AAA38900	HOST E Coli
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PRODUCT SYNONYMS

RAP2A; Recombinant Human RAP2A; Member RAS Oncogene Family; RAP2A Human; Member RAS Oncogene Family Human Recombinant; Ras-related protein Rap-2a; RbBP-30; KREV; RAP2; K-REV; RAP2A recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by SDS-PAGE.
Form/Format	The RAP2A solution (1 mg/ml) 20mM Tris-HCl buffer (pH8.0), 0.1M NaCl, 1mM DTT and 10% glycerol. Sterile Filtered colorless solution.
Sequence	MGSSHHH HHHSSGLVPR GSHMRE YKVVVLGSGG VGKSALTQVF VTGTFIEKYD PTIEDFYRKE IEVDSSPSVL EILDTAGTEQ FASMRDLYIK NGQGFIIVYS LVNQSFQDI KPMRDQIIRV KRYEKVPVIL VGNKVDLESE REVSSSEGRA LAEEWGCPFM ETSAKSKTMV DELFAEIVRQ MNYAAQPKD DPCCSAC
Sequence Length	183
Preparation and Storage	RAP2A should be stored desiccated below -18 degree C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for RAP2A recombinant protein	Description: RAP2A Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E Coli is a single, non-glycosylated, polypeptide chain containing 200 amino acids (1-180 a.a.) and having a molecular mass of 22.4kDa. The RAP2A is purified by proprietary chromatographic techniques. 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.
Product Categories/Family for RAP2A recombinant protein	Recombinant & Natural Proteins; Recombinant Proteins; Member RAS Oncogene Family

NCBI AND UNIPROT INFORMATION

NCBI GI #	10518344
NCBI GeneID	5911
NCBI Accession #	NP_066361.1
NCBI GenBank Nucleotide #	NM_021033.6
UniProt Accession #	P10114; Q5JSC1; Q5JSC2; B2RCJ1
Molecular Weight	20,615 Da
NCBI Official Full Name	ras-related protein Rap-2a

NCBI Official Synonym Full Names	RAP2A, member of RAS oncogene family
NCBI Official Symbol	RAP2A
NCBI Official Synonym Symbols	KREV; RAP2; K-REV; RbBP-30
NCBI Protein Information	ras-related protein Rap-2a; RAP2, member of RAS oncogene family (K-rev)
UniProt Protein Name	Ras-related protein Rap-2a
UniProt Gene Name	RAP2A
UniProt Entry Name	RAP2A_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.

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Online datasheet: <https://stage.aaabiotech.com/rap2a-recombinant-protein-e-coli/38900>