

Recombinant Human RAP2A, His-tagged

Cat. No. RAP2A-30504TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Rap2A with an N terminal His tag; 200 amino acids with tag, Predicted MWt 22.4 kDa.
Species	Human
Source	E.coli
ProteinLength	180 amino acids
Description	Ribokinase, also known as RBKS, belongs to the pfkB family of carbohydrate kinases. It phosphorylates ribose to form ribose-5-phosphate in the presence of ATP and magnesium as a first step in ribose metabolism.
Conjugation	HIS
Molecular Weight	22.400kDa inclusive of tags
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 10% Glycerol, 0.1M Sodium chloride, 20mM Tris HCl, 1mM DTT, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

freeze / thaw cycles.

Sequences of amino acids

MGSSHHHHHHSSGLVPRGSHMREYKVVVLGSGGVGKSALTVQFVTGTFIEKYDPTI
EDFYRKEIEVDSSPSVLEILDTAGTEQFASMRDLYIKNGQGFIIVYSLVNQQSFQDIK
PMRDQIIRVKRYEKVPVILVGNKVDLESEREVSSEGRALAEWGCPCFMETSAKSKT
MVDELFAEIVRQMNYAAQPDKDDPCCSAC

GENE INFORMATION

Gene Name RAP2A RAP2A, member of RAS oncogene family [Homo sapiens]

Official Symbol RAP2A

Synonyms RAP2A; RAP2A, member of RAS oncogene family; RAP2; ras-related protein Rap-2a; K REV;

Gene ID 5911

mRNA Refseq NM_021033

Protein Refseq NP_066361

MIM 179540

Uniprot ID P10114

Chromosome Location 13q34

Pathway B Cell Receptor Signaling Pathway, organism-specific biosystem;

Function GTP binding; GTPase activity; nucleotide binding; protein binding;

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