

Recombinant Human RAB13, His-tagged

Cat. No. RAB13-31040TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RAB13 with N terminal His tag; 220 amino acids with tag, Predicted MWt 24.7 kDa.
Species	Human
Source	E.coli
ProteinLength	1-200 a.a.
Description	RAB13 (Ras-related protein Rab-13) belongs to the small GTPase superfamily.
Molecular Weight	24.700kDa inclusive of tags
Tissue specificity	Detected in several types of epithelia, including intestine, kidney, liver and in endothelial cells.
Form	Liquid
Purity	by SDS-PAGE
Storage buffer	pH: 8.00 Constituents: 20% Glycerol, 0.32% Tris HCl, 0.02% DTT, 1.17% Sodium chloride, 0.03% EDTA
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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Sequences of amino acids	MGSSHHHHHSSGLVPRGSHMAKAYDHLFKLLIGDSGVGKTCLIRFAEDNFNNTY ISTIGIDFKIRTVDIEGKKIKLQVWDTAGQERFKTITTAYYRGAMGIILVYDITDEKSFENI QNWMKSIKENASAGVERLLLGNKCDMEAKRKVQKEQADKLAREHGIRFFETSAKSS MNVDEAFSSLARDILLKSGGRRSGNGNKPPSTDCLKTKDKKNTNKC
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Sequence Similarities	Belongs to the small GTPase superfamily. Rab family.
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GENE INFORMATION

Gene Name	RAB13 RAB13, member RAS oncogene family [Homo sapiens]
Official Symbol	RAB13
Synonyms	RAB13; RAB13, member RAS oncogene family; ras-related protein Rab-13;
Gene ID	5872
mRNA Refseq	NM_002870
Protein Refseq	NP_002861
MIM	602672
Uniprot ID	P51153
Chromosome Location	1q21.2
Pathway	Tight junction, organism-specific biosystem; Tight junction, conserved biosystem;
Function	GTP binding; GTPase activity; nucleotide binding;

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