

Recombinant Human RAB3D, His-tagged

Cat. No. RAB3D-31275TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Rab3D with an N terminal His tag; 239 amino acids with tag, Predicted MWt 26.4 kDa.
Species	Human
Source	E.coli
ProteinLength	219 amino acids
Description	Ras-related protein Rab-3D, also known as GOV, is a member of the Ras superfamily of small Rab GTPases. Rab proteins play an important role for, either in endocytosis or in biosynthetic protein transport.
Conjugation	HIS
Molecular Weight	26.400kDa inclusive of tags
Tissue specificity	Highly expressed in granulocytes of peripheral blood. Constitutively expressed at low levels in all hematopoietic cell lines investigated.
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 30% Glycerol, 0.2M Sodium chloride, 20mM Tris

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	HCl, 1mM DTT, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHSSGLVPRGSHMASAGDTQAGPRDAADQNFDYMFKLLLIGNSSVGK TSFLFRYADDSFTPAFVSTVGIDFKVKTVYRHDKRIKLQIWDTAGQERYRTITTAYYR GAMGFLLMYDIANQESFAAVQDWATQIKTYSWDNAQVILVGNKCDLEDERVVPAED GRRLADDLGFEFFFEASAKENINVKQVFERLVDVICEKMNESLEPSSSSGSGNGKGPV GDAPAPQPSSCSC
Sequence Similarities	Belongs to the small GTPase superfamily. Rab family.

GENE INFORMATION

Gene Name	RAB3D RAB3D, member RAS oncogene family [Homo sapiens]
Official Symbol	RAB3D
Synonyms	RAB3D; RAB3D, member RAS oncogene family; GOV; ras-related protein Rab-3D; D2 2; glioblastoma overexpressed; Rab3D upregulated with myeloid differentiation; RAB16; RAD3D;
Gene ID	9545
mRNA Refseq	NM_004283
Protein Refseq	NP_004274
MIM	604350

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Uniprot ID	O95716
Chromosome Location	19p13.2
Pathway	Pancreatic secretion, organism-specific biosystem; Pancreatic secretion, conserved biosystem;
Function	GTP binding; GTPase activity; GTPase binding; nucleotide binding;

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