

Recombinant Human RAB32, His-tagged

Cat. No. RAB32-28750TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human RAB32 with N terminal His tag; 249 amino acids with tag, Predicted MWt 27.6 kDa.
Species	Human
Source	E.coli
ProteinLength	225 amino acids
Description	Small GTP-binding proteins of the RAB family, such as RAB32, play essential roles in vesicle and granule targeting (Bao et al.
Conjugation	HIS
Molecular Weight	27.600kDa inclusive of tags
Tissue specificity	Widely expressed with high levels in heart, liver, kidney, bone marrow, testis, colon and fetal lung.
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	pH: 8.00 Constituents: 0.32% Tris HCl, 0.08% DTT, 50% Glycerol, 1.17% Sodium chloride, 0.06% EDTA

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Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHSSGLVPRGSHMGSHMAGGGAGDPGLGAAAA PAPETREHLFKVLV IGELGVGKTSIIKRYVHQLFSQHY RATIGVDFALKVLNWDSRTLVRQLWDIAGQER FGNMTRV YYKEAVGAFVVFDIRSSTFEAVLKWKSDLDLSDKVHLPN GSPIPAVLLAN KCDQNKDSSQSPSQVDQFCKEHGFAGWFE TSAKDNINIEEAARFLVEKILVNHQSF PNEENDVDKIK LDQETLRAENKSQCC
Sequence Similarities	Belongs to the small GTPase superfamily. Rab family.

GENE INFORMATION

Gene Name	RAB32 RAB32, member RAS oncogene family [Homo sapiens]
Official Symbol	RAB32
Synonyms	RAB32; RAB32, member RAS oncogene family; ras-related protein Rab-32;
Gene ID	10981
mRNA Refseq	NM_006834
Protein Refseq	NP_006825
MIM	612906
Uniprot ID	Q13637
Chromosome Location	6q24.2

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Function

GTP binding; nucleotide binding;

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