

Recombinant Human RAB18, T7 -tagged

Cat. No. RAB18-30651TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Rab18 (amino acids 1-206) with an N terminal T7 tag; 221aa, 24.5kDa.
Species	Human
Source	E.coli
ProteinLength	206 amino acids
Description	Rab proteins are members of a family of Ras-related small GTPases that regulate membrane trafficking in organelles and transport vesicles.
Conjugation	T7
Molecular Weight	24.500kDa inclusive of tags
Tissue specificity	Ubiquitous.
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	pH: 7.50 Constituents: 0.32% Tris HCl, 0.02% DTT
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid

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repeated freeze / thaw cycles.

Sequences of amino acids

MASMTGGGQM GRGSHMDEDV LTTLKILIIG ESGVGKSSLL LRFTDDTFDP
ELAATIGVDF KVKTISVDGN KAKLAIWDTA GQERFRTLTP SYRGAQGVI
LVYDVTRRDT FVKLDNWLNE LETYCTRNDI VNMLVG NKID KENREVDRNE
GLKFARKHSM LFIEASAKTC DGVQCAFEEL VEKIIQTPGL WESENQNKGV
KLSHREEGQG GGACGGYCSV L

Sequence Similarities

Belongs to the small GTPase superfamily. Rab family.

GENE INFORMATION

Gene Name [RAB18 RAB18, member RAS oncogene family \[Homo sapiens \]](#)

Official Symbol [RAB18](#)

Synonyms RAB18; RAB18, member RAS oncogene family; ras-related protein Rab-18;

Gene ID [22931](#)

mRNA Refseq [NM_021252](#)

Protein Refseq [NP_067075](#)

MIM [602207](#)

Uniprot ID [Q9NP72](#)

Chromosome Location 10p12

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Function

ATP binding; GTP binding; GTPase activity; nucleotide binding; transcription factor binding;

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