

Recombinant Human RABL5, His-tagged

Cat. No. RABL5-7598H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human RABL5 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-185aa
Description	Rab-like protein 5 isoform a, also known as RABL5, is a member of the Ras superfamily of small GTP-binding proteins. The Ras-related superfamily of guanine nucleotide binding proteins includes the R-Ras, Rap, Ral/Rec and Rho/Rab subfamilies. Increasing data suggests an important role for Rab proteins in either endocytosis or in biosynthetic protein transport. The process of transporting newly synthesized proteins from the endoplasmic reticulum to various stacks of the Golgi complex and to secretory vesicles involves the movement of carrier vesicles and requires Rab protein function.?
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT
Molecular Mass	23.2kDa (208a)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMLKAKIL FVGPCESGKT VLANFLTESS DITEYSPTQG VRILEFENPH VTSNNKGTGC EFELWDCGGD AKFESCWPAL

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MKDAHGVVIV FNADIPSHRK EMEMWYSCFV QQPSLQDTQC MLIAHHKPGS
GDDKGSLSL S PPLNKLKLVH SNLEDDPEEI RMEFIKYLKS IINSMSES RD
REEMSIMT

Purity >95% by SDS - PAGE

Applications SDS-PAGE

Storage Can be stored at 4°C short term. For long term storage, aliquot and store at at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

Concentration 0.5mg/ml

GENE INFORMATION

Gene Name [RABL5 RAB, member RAS oncogene family-like 5 \[Homo sapiens \]](#)

Official Symbol RABL5

Synonyms RABL5; RAB, member RAS oncogene family-like 5; rab-like protein 5; DKFZp761N0823; FLJ13225; FLJ14117; RAB, member of RAS oncogene family-like 5;

Gene ID [64792](#)

mRNA Refseq [NM_022777](#)

Protein Refseq [NP_073614](#)

UniProt ID [Q9H7X7](#)

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Chromosome Location	7q22.1
Function	GTP binding; nucleotide binding;