

Recombinant Human RAB27B

Cat. No. RAB27B-376H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the human RAB27B (O00194) (Thr2-Lys215) was expressed with two additional amino acids (Gly & Pro) at the N-terminus.
Species	Human
Source	Human Cells
ProteinLength	Thr2-Lys215
Form	Lyophilized from sterile PBS, pH7.4.
Molecular Mass	The recombinant human RAB27B comprises 216 amino acids and has a predicted molecular mass of 24.3 kDa. The apparent molecular mass of the monomer is approximately 27 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>85 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70°C
Storage	Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	Hardcopy of COA with reconstitution instruction is sent along with the products.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	RAB27B RAB27B, member RAS oncogene family [Homo sapiens]
Official Symbol	RAB27B
Synonyms	RAB27B; RAB27B, member RAS oncogene family; ras-related protein Rab-27B; C25KG;
Gene ID	5874
mRNA Refseq	NM_004163
Protein Refseq	NP_004154
MIM	603869
UniProt ID	O00194
Chromosome Location	18q21.2
Pathway	Pancreatic secretion, organism-specific biosystem; Pancreatic secretion, conserved biosystem;
Function	GTP binding; GTPase activity; nucleotide binding; protein domain specific binding;

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