

## Recombinant Human RAB27B, Fc-tagged

**Cat. No.** RAB27B-377H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | A DNA sequence encoding the human RAB27B (O00194) (Thr2-Lys215) was expressed with the Fc region of mouse IgG1 at the N-terminus.                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                     |
| <b>Source</b>           | Human Cells                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | Thr2-Lys215                                                                                                                                                                                                                               |
| <b>Form</b>             | Lyophilized from sterile PBS, pH7.4.                                                                                                                                                                                                      |
| <b>Molecular Mass</b>   | The recombinant human RAB27B/mFc comprises 450 amino acids and has a predicted molecular mass of 50.8 kDa. The apparent molecular mass of the monomer is approximately 51 kDa in SDS-PAGE under reducing conditions due to glycosylation. |
| <b>Endotoxin</b>        | < 1.0 eu per µg of the protein as determined by the LAL method.                                                                                                                                                                           |
| <b>Purity</b>           | >95 % as determined by SDS-PAGE                                                                                                                                                                                                           |
| <b>Stability</b>        | Samples are stable for up to twelve months from date of receipt at -70°C                                                                                                                                                                  |
| <b>Storage</b>          | Store it under sterile conditions at -70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                                                                                       |

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**Reconstitution**      Hardcopy of COA with reconstitution instruction is sent along with the products.

## GENE INFORMATION

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

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