

Product datasheet

Recombinant rat RAB27A delta C26 protein ab90110

Description

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| Product name | Recombinant rat RAB27A delta C26 protein |
| Biological activity | Activity: 100 pmol of protein can bind > 80 pmol of GDP. |
| Purity | > 90 % SDS-PAGE. |
| Expression system | Escherichia coli |
| Protein length | Full length protein |
| Animal free | No |
| Nature | Recombinant |
| Species | Rat |

Specifications

Our **Abpromise guarantee** covers the use of **ab90110** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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| Applications | Functional Studies SDS-PAGE |
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| Form | Liquid |
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Preparation and Storage

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| Stability and Storage | Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.00044% GDP, 0.095% Magnesium chloride, 0.0156% Beta mercaptoethanol, 0.79% Tris HCl, 0.58% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution. |
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General Info

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| Relevance | Rab27 is a small GTPase that belongs to the Ras superfamily. Rab proteins play an important role in various aspects of membrane traffic, including cargo selection, vesicle budding, vesicle motility, tethering, docking, and fusion. The monomeric GTPase Rab27 subfamily regulates the |
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exocytosis of these cell-specific store organelles. Rab27 acts through organelle-specific effector proteins, such as granuphilin in pancreatic beta cells and melanophilin in melanocytes. The Rab27 and effector complex then interacts with proteins that are essential for membrane transport and fusion.

Cellular localization

Plasma membrane

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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