

Product datasheet

Recombinant Human RAC2 protein ab84655

1 Image

Description

Product name	Recombinant Human RAC2 protein
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human

Specifications

Our [Abpromise guarantee](#) covers the use of **ab84655** in the following tested applications.

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

Applications	Western blot SDS-PAGE
Form	Liquid

Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.00 Preservative: 1.02% Imidazole Constituents: 0.00174% PMSF, 0.82% Sodium phosphate, 0.0308% DTT, 25% Glycerol, 1.74% Sodium chloride
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General Info

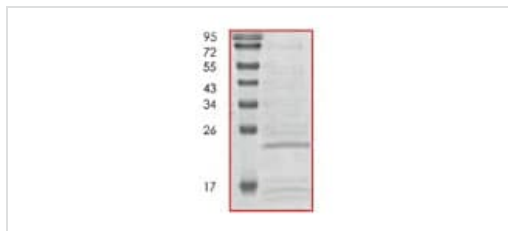
Function	Plasma membrane-associated small GTPase which cycles between an active GTP-bound and inactive GDP-bound state. In active state binds to a variety of effector proteins to regulate cellular responses, such as secretory processes, phagocytosis of apoptotic cells and epithelial cell polarization. Augments the production of reactive oxygen species (ROS) by NADPH oxidase.
Tissue specificity	Hematopoietic specific.
Involvement in disease	Defects in RAC2 are the cause of neutrophil immunodeficiency syndrome (NEUID) [MIM:608203].

Sequence similarities

Belongs to the small GTPase superfamily. Rho family.

Cellular localization

Cytoplasm. Membrane-associated when activated.

Images

SDS-PAGE showing ab84655 at approximately 22kDa.

SDS-PAGE - Recombinant Human RAC2 protein
(ab84655)

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

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