

Recombinant Human Ran (mutated T24N) protein ab90206

製品の詳細

製品名	Recombinant Human Ran (mutated T24N) protein
精製度	> 95 % SDS-PAGE. Protein preparation is 18% GDP-loaded, measured by HPLC.
発現系	Escherichia coli
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
修飾	mutated T24N

特性

Our **Abpromise guarantee** covers the use of **ab90206** in the following tested applications.

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

アプリケーション	SDS-PAGE
製品の状態	Liquid
備考	Ran T24N mutation results in no or little binding to GTP and is known to act as a negative inhibitor of nuclear import.

前処理および保存

保存方法および安定性	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.00 Constituents: 0.1001% DTE (1,4-Dithioerythritol), 1.125% Potassium chloride, 0.42% Potassium phosphate, 0.0475% Magnesium chloride, 10% Glycerol
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関連情報

機能	GTP-binding protein involved in nucleocytoplasmic transport. Required for the import of protein into the nucleus and also for RNA export. Involved in chromatin condensation and control of cell
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cycle (By similarity). The complex with BIRC5/ survivin plays a role in mitotic spindle formation by serving as a physical scaffold to help deliver the RAN effector molecule TPX2 to microtubules. Enhances AR-mediated transactivation. Transactivation decreases as the poly-Gln length within AR increases.

組織特異性

Expressed in a variety of tissues.

配列類似性

Belongs to the small GTPase superfamily. Ran family.

翻訳後修飾

The N-terminus is blocked.

細胞内局在

Nucleus. Cytoplasm. Melanosome. Becomes dispersed throughout the cytoplasm during mitosis. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

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