

## 32-4563: Recombinant Human RAB31, Member RAS Oncogene Family

**Alternative Name :** Ras-related protein Rab-31,Ras-related protein Rab-22B,RAB31,RAB22B.

### Description

Source : Escherichia Coli. RAB31 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 232 amino acids (1-195 a.a) and having a molecular mass of 25.9kDa.RAB31 is fused to a 37 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. RAB31 Member RAS Oncogene Family (RAB31) is a 194 amino lipid-anchored protein which localizes to the cytoplasmic side of the cell membrane and is a member of the Ras related GTPase superfamily. RAB31 is expressed at high levels in the lung, brain and heart. RAB31 functions in a similar mode to other Rab proteins, namely playing a part in protein transport. Small GTP-binding proteins of the RAB family, for example RAB31, play critical roles in vesicle and granule targeting. RAB31 has the highest expression in the placenta and brain with lower levels in the heart and lung. However, RAB31 is not detected in liver, skeletal muscle, kidney or pancreas.

### Product Info

|                            |  |
|----------------------------|--|
| <b>Amount :</b>            | 20 µg  |
| <b>Purification :</b>      | Greater than 90% as determined by SDS-PAGE.  |
| <b>Content :</b>           | RAB31 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl and 30% glycerol.  |
| <b>Storage condition :</b> | Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.  |
| <b>Amino Acid :</b>        | MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMMMA IRELKVCLLG DTGVGKSSIV<br>CRFVQDHFHDH NISPTIGASF MTKTVPCGNE LHKFLIWDTA GQERFHSLAP MYRGSAAAV IVYDITKQDS<br>FYTLKKWVKE LKEHGPENIV MAIAGNKCDL SDIREVPLKD AKEYAESIGA IIVVETSAKNA INIEELFQGI<br>SRQIPPLDPH ENGNNGTIKV EKPTMQASRR CC. |