9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

RAB31 Human

RAB31, Member RAS Oncogene Family Recombinant Human
RCP1762

Product Overview

Name	RAB31 Human

Description

RAB31, Member RAS Oncogene Family Recombinant Human

Accession (Primary)	Q13636

Synonyms

Ras-related protein Rab-31, Ras-related protein Rab-22B, RAB31, RAB22B.

Introduction

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 gas 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.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered clear solution.

Formulation

RAB31 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl and 30% glycerol.

Stability

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 storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 90% as determined by SDS-PAGE.

Amino acid sequence

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSH MMA IRELKVCLLG DTGVGKSSIV CRFVQDHFDH NISPTIGASF MTKTVPCGNE LHKFLIWDTA GQERFHSLAP MYYRGSAAAV IVYDITKQDS FYTLKKWVKE LKEHGPENIV MAIAGNKCDL SDIREVPLKD AKEYAESIGA IVVETSAKNA INIEELFQGI SRQIPPLDPH

ENGNNGTIKV EKPTMQASRR CC.

Precautions

RAB31 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q13636)