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

RAB13 Human

RAB13, Member RAS Oncogene Family Human Recombinant
RCP1748

Product Overview

Name	RAB13 Human

Description

RAB13, Member RAS Oncogene Family Human Recombinant

Accession (Primary)	P51153

Synonyms

RAB13 member RAS oncogene family, Cell growth-inhibiting gene 4 protein, Growth-inhibiting gene 4 protein, RAS-associated protein RAB13.

Introduction

RAB13 is a member of the small GTPase superfamily which are nontransforming monomeric GTP-binding proteins that hold 4 extremely conserved regions that take part in GTP binding and hydrolysis. In addition, RAB proteins have a vital role in the endocytic pathways. The GTPase Rab13 regulates the assembly of functional epithelial tight junctions (TJs) and is expressed in every phase of preimplantation development.

Source

Escherichia Coli.

Physical Appearance

RAB13 is supplied as a sterile filtered clear solution.

Formulation

RAB13 protein (0.25mg/ml) is supplied in 20mM Tris-HCL, pH-8, 1mM DTT, 200mM NaCl, 1mM EDTA and 20% 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 85.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MAKAYDHLFK LLLIGDSGVG KTCLIIRFAE DNFNNTYIST IGIDFKIRTV DIEGKKIKLQ VWDTAGQERF KTITTAYYRG AMGIILVYDI TDEKSFENIQ NWMKSIKENA SAGVERLLLG NKCDMEAKRK VQKEQADKLA REHGIRFFET SAKSSMNVDE AFSSLARDIL LKSGGRRSGN GNKPPSTDLK

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TCDKKNTNKC

Precautions

RAB13 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P51153)