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

RAB23 Human

RAB23, Member RAS Oncogene Family Human Recombinant
RCP1756

Product Overview

Name	RAB23 Human

Description

RAB23, Member RAS Oncogene Family Human Recombinant

Accession (Primary)	Q9ULC3

Synonyms

RAB23 member RAS oncogene family, HSPC137, RAB family small GTP binding protein RAB 23, ras-related protein Rab-23.

Introduction

RAB23 belongs to the Rab family of proteins and is restricted to the cytoplasmic side of the cell membrane. RAB23 takes part in intracellular protein transportation and signal transduction facilitated by small GTPases. RAB23 is a vital negative regulator of the Sonic hedgehog signaling pathway. Alterations in the gene encoding RAB23 are the origin for Carpenter syndrome a disorder which can cause obesity, cardiac defects, polysyndactyly and craniosynostosis.

Source

E.coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The RAB23 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.1mM PMSF 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

MGSSHHHHHH SSGLVPRGSH MLEEDMEVAI KMVVVGNGAV GKSSMIQRYC KGIFTKDYKK TIGVDFLERQ IQVNDEDVRL MLWDTAGQEE FDAITKAYYR GAQACVLVFS TTDRESFEAV SSWREKVVAE VGDIPTVLVQ NKIDLLDDSC IKNEEAEALA KRLKLRFYRT SVKEDLNVNE VFKYLAEKYL QKLKQQIAED PELTHSSSNK IGVFNTSGGS HSGQNSGTLN GGDVINLRPN KQRTKKNRNP FSSC

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Precautions

RAB23 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9ULC3)