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

RAB14 Human

RAB14, Member RAS Oncogene Family Human Recombinant
RCP1749

Product Overview

Name	RAB14 Human

Description

RAB14, Member RAS Oncogene Family Human Recombinant

Accession (Primary)	P61106

Synonyms

RAB14 member RAS oncogene family, FBP, bA165P4.3 (member RAS oncogene family), F protein-binding protein 1, ras-related protein Rab-14, small GTP binding protein RAB14.

Introduction

RAB14 belongs to the RAB protein family, low molecular mass monomeric GTPases which is found on the cytoplasmic surfaces of distinct membrane bound organelles. RAB14 has a role in vesicular trafficking and neurotransmitter release throughout the body and is expressed at high levels in brain, lung, kidney, spleen and thymus. In addition, RAB14 takes part in the biosynthetic/recycling pathway between the Golgi and endosomal compartments.

Source

Escherichia Coli.

Physical Appearance

RAB14 is supplied as a sterile filtered clear solution.

Formulation

RAB14 protein 0.5mg/ml is supplied in 20mM Tris-HCL, pH-8, 0.1M NaCl, 1mM DTT 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 90.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MATAPYN YSYIFKYIII GDMGVGKSCL LHQFTEKKFM ADCPHTIGVE FGTRIIEVSG QKIKLQIWDT AGQERFRAVT RSYYRGAAGA LMVYDITRRS TYNHLSSWLT DARNLTNPNT VIILIGNKAD LEAQRDVTYE EAKQFAEENG LLFLEASAKT GENVEDAFLE AAKKIYQNIQ DGSLDLNAAE SGVQHKPSAP QGGRLTSEPQ PQREGCGC

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Precautions

RAB14 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P61106)