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

RERG Human

RAS-like, Estrogen-Regulated, Growth Inhibitor Human Recombinant RCP1850

Product Overview

Name	RERG Human

Description

RAS-like, Estrogen-Regulated, Growth Inhibitor Human Recombinant

Accession (Primary)	Q96A58

Synonyms

Ras-related and estrogen-regulated growth inhibitor, RERG, MGC15754.

Introduction

RERG is a 199 amino acid protein which localizes in the cytoplasm and is a member of the Ras subfamily of small GTPases. RERG is expressed in the pancreas, liver, skin, lung, brain, kidney and heart tissue. RERG is a vital mediator of diverse cell signaling pathways, including those leading to cell proliferation, cytoskeletal organization and secretion.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The RERG solution (0.25 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 5mM DTT and 50% 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 MAKSAEVKLA IFGRAGVGKS ALVVRFLTKR FIWEYDPTLE STYRHQATID DEVVSMEILD TAGQEDTIQR EGHMRWGEGF VLVYDITDRG SFEEVLPLKN ILDEIKKPKN VTLILVGNKA DLDHSRQVST EEGEKLATEL ACAFYECSAC TGEGNITEIF YELCREVRRR RMVQGKTRRR SSTTHVKQAI NKMLTKISS.

Precautions

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

Target Information: (Q96A58)