

RERG Human

Description:RERG Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 219 amino acids (1-199 a.a.) and having a molecular mass of 24.7kDa (Molecular size on SDS-PAGE will appear higher). The RERG is purified by proprietary chromatographic techniques.

Catalog #:PRPS-113

For research use only.

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

Source:Escherichia Coli.

Physical Appearance:Sterile Filtered colorless solution.

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.

Purity:Greater than 85.0% as determined by SDS-PAGE.

Formulation:

The RERG solution (0.25 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 5mM DTT and 50% glycerol.

Stability:

RERG should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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.

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