

Product information



RERG, 1-199 aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP0921

Full Name: Ras-related and estrogen-regulated growth inhibitor

NCBI Accession No.: NP_116307

Synonyms: MGC15754

Description: RERG is a 199 amino acid protein that localizes in the cytoplasm and belongs to the Ras subfamily of small GTPases. RERG is expressed in pancreas, liver, skin, lung, brain, kidney and heart tissue. It is critical mediators of diverse cell signaling pathways, including those leading to cell proliferation, cytoskeletal organization and secretion. Recombinant human RERG protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

<p>Form: Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.2M NaCl, 5mM DTT, 50% glycerol</p> <p>Molecular Weight: 24.7 kDa (219aa) confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)</p> <p>Purity: > 85% by SDS - PAGE</p> <p>Concentration: 0.25 mg/ml (determined by Bradford assay)</p>	<p>(KDa) 70 57 40 28 18 13.5 8.5</p> <p>15% SDS-PAGE (3ug)</p>
<p>Sequences of amino acids:</p> <p>MGSSHHHHHH SSGLVPRGSH MAKSAEVKLA IFGRAGVGKS ALVVRFLTGR FIWEYDPTLE STYRHQATID DEVVSMEILD TAGQEDTIQR EGHMRWGEGF VLVDYITDRG SFEEVLPLKN ILDEIKKPKN VTLILVGNKA DLDSRQVST EEKELATEL ACAFYECSAC TEGNITEIF YELCREVRRR RMVQGKTRRR SSTTHVKQAI NKMLTKISS</p>	

General references:

Woodfield GW., *et al.* (2007) *Cancer Res.* 67(18):8439-43.

Finlin BS., *et al.* (2001) *J Biol Chem.* 276(45):42259-67.

WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.

Product information



Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

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