

## 32-4637: Recombinant Human RAS-like, Estrogen-Regulated, Growth Inhibitor

**Alternative Name :** Ras-related and estrogen-regulated growth inhibitor, RERG, MGC15754.

### Description

Source : Escherichia Coli. 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. 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.

### Product Info

<b>Amount :</b>	10 µg
<b>Purification :</b>	Greater than 85.0% as determined by SDS-PAGE.
<b>Content :</b>	The RERG solution (0.25 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 5mM DTT and 50% glycerol.
<b>Storage condition :</b>	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.
<b>Amino Acid :</b>	MGSSHHHHHH SSGLVPRGSH MAKSAEVKLA IFGRAGVGKS ALVVRFLTKR FIWEYDPTLE STYRHQATID DEVVSMEILD TAGQEDTIQR EGHMRWGEGF VLVYDITDRG SFEEVLPLKN ILDEIKKPKN VTLILVG NKA DLDHSRQVST EEGEKLATEL ACAFYEC SAC TGE GNITEIF YELCREVRRR RMVQGKTRRR SSTTHVKQAI NKMLTKISS.

