

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

<b>Item Number</b>	rAP-3782
<b>Synonyms</b>	Ras-related and estrogen-regulated growth inhibitor, RERG, MGC15754.
<b>Description</b>	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
<b>Uniprot Accession Number</b>	Q96A58
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MAKSAEVKLA IFGRAGVGKS ALVVRFLTGR FIWEYDPTLE STYRHQATID DEVVSMEILD TAGQEDTIQR EGHMRWGEGF VLVYDITDRG SFEEVLPLKN ILDEIKKPKN VTILILVGNKA DLDHSRQVST EEEKELATEL ACAFYECESAC TGEKNITEIF YELCREVRRR RMVQGK- TRRR SSTTHVKQAI NKMLTKISS.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. 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.
<b>Formulation and Purity</b>	The RERG solution (0.25 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 5mM DTT and 50% glycerol. Greater than 85.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**