

Recombinant Human RERG 293 Cell Lysate

Cat. No. RERG-2418HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for RAS-like, estrogen-regulated, growth inhibitor (RERG) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name RERG RAS-like, estrogen-regulated, growth inhibitor [Homo sapiens]

Official Symbol RERG

Synonyms RERG; RAS-like, estrogen-regulated, growth inhibitor; ras-related and estrogen-regulated growth inhibitor; MGC15754;

Gene ID 85004

mRNA Refseq NM_001190726

Protein Refseq NP_001177655

MIM 612664

UniProt ID Q96A58

Chromosome Location 12p13.1

Function GDP binding; GTP binding; GTPase activity; estrogen receptor binding; nucleotide binding;

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