

Recombinant Human RERG, His-tagged

Cat. No. RERG-29594TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length human RERG , with a N terminal His tag; MW 24.7kDa, 219aa inclusive of tag.
Species	Human
Source	E.coli
ProteinLength	199 amino acids
Description	RERG, a member of the RAS superfamily of GTPases, inhibits cell proliferation and tumor formation (Finlin et al.
Conjugation	HIS
Molecular Weight	24.700kDa inclusive of tags
Tissue specificity	Detected in heart, brain, placenta, lung, liver, skin, kidney and pancreas. Detected in estrogen receptor-positive breast-derived cell lines, but not in estrogen receptor-negative cell lines. Expression is decreased or lost in a significant proportion of
Form	Liquid
Purity	by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: 50% Glycerol, 0.2M Sodium chloride, 5mM DTT,

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	20mM Tris HCl, pH 8.0
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MAKSAEVKLA IFGRAGVGKS ALVVRFLTKR FIWEYDPTLE STYRHQATID DEVVSMEILD TAGQEDTIQREGHMRWGEGF VLVYDITDRG SFEEVLPLKN ILDEIKKPKN VTLILVGNKA DLDHSRQVST EEGEKLATEL ACAFYEC SAC TGEGNITEIFYELCREVRRR RMVQGKTRRR SSTTHVKQAI NKMLTKISS
Sequence Similarities	Belongs to the small GTPase superfamily. Ras family.
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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