

Recombinant Human RERE

Cat. No. RERE-29593TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human RERE (amino acids 85-193) with N terminal proprietary tag, 37.62 kD.
Species	Human
Source	Wheat Germ
ProteinLength	109 amino acids
Description	This gene encodes a member of the atrophin family of arginine-glutamic acid (RE) dipeptide repeat-containing proteins. The encoded protein co-localizes with a transcription factor in the nucleus, and its overexpression triggers apoptosis. A similar protein in mouse associates with histone deacetylase and is thought to function as a transcriptional co-repressor during embryonic development. Multiple transcript variants encoding different isoforms have been found for this gene.
Molecular Weight	37.620kDa inclusive of tags
Tissue specificity	Widely expressed. Expressed in tumor cell lines.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	RYERTDTGEITSYITEDDVVYRPGDCVYIVCRRPNTPYFI CSIQDFKLVHNSQACCRS PTPALCDPPACSLPVASQPPQH LSEAGRGPVGSKRDLHLLMNVKWYYRQSEV
Sequence Similarities	Contains 1 BAH domain.Contains 1 ELM2 domain.Contains 1 GATA-type zinc finger.Contains 1 SANT domain.

GENE INFORMATION

Gene Name	RERE arginine-glutamic acid dipeptide (RE) repeats [Homo sapiens]
Official Symbol	RERE
Synonyms	RERE; arginine-glutamic acid dipeptide (RE) repeats; ATN1L; arginine-glutamic acid dipeptide repeats protein; ARG; ARP; DNB1; KIAA0458;
Gene ID	473
mRNA Refseq	NM_001042681
Protein Refseq	NP_001036146
MIM	605226
Uniprot ID	Q9P2R6
Chromosome Location	1p36.23
Function	metal ion binding; poly-glutamine tract binding; protein binding; sequence-specific

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DNA binding; sequence-specific DNA binding transcription factor activity;

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