

Recombinant Human HIRA cell lysate

Cat. No. HIRA-791HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	This gene encodes a histone chaperone that preferentially places the variant histone H3.3 in nucleosomes. Orthologs of this gene in yeast, flies, and plants are necessary for the formation of transcriptionally silent heterochromatin. This gene plays an important role in the formation of the senescence-associated heterochromatin foci. These foci likely mediate the irreversible cell cycle changes that occur in senescent cells. It is considered the primary candidate gene in some haploinsufficiency syndromes such as DiGeorge syndrome, and insufficient production of the gene may disrupt normal embryonic development.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	HIRA HIR histone cell cycle regulation defective homolog A (S. cerevisiae) [Homo sapiens]
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 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Official Symbol	HIRA
Synonyms	HIRA; HIR histone cell cycle regulation defective homolog A (S. cerevisiae); HIR (histone cell cycle regulation defective) homolog A (S. cerevisiae) , TUPLE1; protein HIRA; DGCR1; DiGeorge critical region gene 1; TUP1; TUP1-like enhancer of split protein 1; TUPLE1;
Gene ID	7290
mRNA Refseq	NM_003325
Protein Refseq	NP_003316
MIM	600237
UniProt ID	P54198
Chromosome Location	22q11.2
Function	chromatin binding; protein binding; sequence-specific DNA binding transcription factor activity; transcription corepressor activity;

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