

## Recombinant Human HIRA cell lysate

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

### SPECIFICATION

<b>Species</b>	Human
<b>Description</b>	<p>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.</p>
<b>Size</b>	100 ul
<b>Storage Buffer</b>	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
<b>Applications</b>	Western Blot;

### GENE INFORMATION

<b>Gene Name</b>	HIRA HIR histone cell cycle regulation defective homolog A ( <i>S. cerevisiae</i> ) [ <i>Homo sapiens</i> ]
<b>Official Symbol</b>	HIRA

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

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