

Recombinant Human HOXA7 cell lysate

Cat. No. HOXA7-809HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	In vertebrates, the genes encoding the class of transcription factors called homeobox genes are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development. This gene is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation. For example, the encoded protein represses the transcription of differentiation-specific genes during keratinocyte proliferation, but this repression is then overcome by differentiation signals. This gene is highly similar to the antennapedia (Antp) gene of Drosophila.
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	HOXA7 homeobox A7 [Homo sapiens]
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Official Symbol	HOXA7
Synonyms	HOXA7; homeobox A7; homeo box A7 , HOX1, HOX1A; homeobox protein Hox-A7; homeo box A7; homeobox protein HOX-1A; homeobox protein Hox 1.1; ANTP; HOX1; HOX1A; HOX1.1;
Gene ID	3204
mRNA Refseq	NM_006896
Protein Refseq	NP_008827
MIM	142950
UniProt ID	P31268
Chromosome Location	7p15.2
Function	sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; transcription factor binding;