

## Recombinant Human Distal-less Homeobox 5, His-tagged

Cat. No. DLX5-2926H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human DLX5 was produced in <i>E. coli</i> with a His tag at N-terminus. MW = 31540 Da (1-289 aa).
<b>Species</b>	Human
<b>Source</b>	<i>E. coli</i>
<b>Protein Length</b>	1-289 a.a.
<b>Description</b>	Homeobox protein DLX-5 is a protein that in humans is encoded by the DLX5 gene. This gene encodes a member of a homeobox transcription factor gene family similar to the <i>Drosophila</i> distal-less gene. The encoded protein may play a role in bone development and fracture healing. Mutation in this gene, which is located in a tail-to-tail configuration with another member of the family on the long arm of chromosome 7, may be associated with split-hand/split-foot malformation.
<b>Form</b>	10 mM Tris. pH 8.0. 0.1% Triton X-100. 0.002% NaN <sub>3</sub> .
<b>Purity</b>	90%.
<b>Applications</b>	MS. SDS.


### GENE INFORMATION

<b>Gene Name</b>	DLX5 distal-less homeobox 5 [ <i>Homo sapiens</i> ]
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<b>Synonyms</b>	DLX5; distal-less homeobox 5; homeobox protein DLX-5; distal-less homeo box 5; distal-less homeo box 5
<b>Gene ID</b>	1749
<b>mRNA Refseq</b>	NM_005221
<b>Protein Refseq</b>	NP_005212
<b>MIM</b>	600028
<b>UniProt ID</b>	P56178
<b>Chromosome Location</b>	7q22
<b>Function</b>	promoter binding; promoter binding; sequence-specific DNA binding transcription factor activity; transcription activator activity
<b>PDB rendering based on 2djn.</b>	

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