

## Recombinant Full Length Human DLX5 Protein, GST-tagged

**Cat. No.** DLX5-600HF    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human DLX5(1 a.a. - 289 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	289 amino acids
<b>Description</b>	This gene encodes a member of a homeobox transcription factor gene family similar to the Drosophila 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>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Molecular Mass</b>	57.53 kDa
<b>AA Sequence</b>	<p>MTGVFDRRVP SIRSGDFQAP FQ TSAAMHHP SQESPTLPES SATDSDYSP  TGGAPHGYCS PTSASYGKAL NPYQYQYHGV NGSAGSYPK AYADYSYASS  YHQYGGAYNR VPSATNQPEK EVTEPEVRMV NGKPKKVRKP RTIYSSFQLA  ALQRRFQKTQ YLALPERAEL AASLGLTQTQ VKIWFQNKRS KIKKIMKNGE  MPPEHSPSSS DPMACNSPQS PAVWEPQGSS RLSLHHPHAH PPTSNTQSPAS  SYLENSASWY TSAASSINSH LPPPGSLQHP LALASGTLY</p>

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**Applications** Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

**Storage** Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

**Gene Name** DLX5 distal-less homeobox 5 [ Homo sapiens ]

**Official Symbol** DLX5

**Synonyms** DLX5; distal-less homeobox 5; distal less homeo box 5; homeobox protein DLX-5; distal-less homeo box 5; split hand/foot malformation type 1 with sensorineural hearing loss; SHFM1D

**Gene ID** 1749

**mRNA Refseq** NM\_005221

**Protein Refseq** NP\_005212

**MIM** 600028

**UniProt ID** P56178

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