Recombinant Human DLX5 protein, GST-tagged

Cat. No. DLX5-28H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DLX5(1 a.a. - 289 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1-289 a.a.
Description	This gene encodes a member of a homeobox transcription factor gene family similiar 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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	57.53 kDa
AA Sequence	MTGVFDRRVPSIRSGDFQAPFQTSAAMHHPSQESPTLPESSATDSDYYSPTGGAP HGYCSPTSASYGKALNPYQY QYHGVNGSAGSYPAKAYADYSYASSYHQYGGAYN RVPSATNQPEKEVTEPEVRMVNGKPKKVRKPRTIYSSFQLA ALQRRFQKTQYLALP ERAELAASLGLTQTQVKIWFQNKRSKIKKIMKNGEMPPEHSPSSSDPMACNSPQSP AVWE PQGSSRSLSHHPHAHPPTSNQSPASSYLENSASWYTSAASSINSHLPPPGS LQHPLALASGTLY

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Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
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
Chromosome Location	7q21.3
Function	HMG box domain binding; transcription regulatory region DNA binding; transcription regulatory region sequence-specific DNA binding;

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