

Recombinant Full Length Human DLX1 Protein, GST-tagged

Cat. No. DLX1-4000HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DLX1 full-length ORF (NP_835221.2, 1 a.a. - 255 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	255 amino acids
Description	This gene encodes a member of a homeobox transcription factor gene family similar to the Drosophila distal-less gene. The encoded protein is localized to the nucleus where it may function as a transcriptional regulator of signals from multiple TGF- β superfamily members. The encoded protein may play a role in the control of craniofacial patterning and the differentiation and survival of inhibitory neurons in the forebrain. This gene is located in a tail-to-tail configuration with another member of the family on the long arm of chromosome 2. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]
Molecular Mass	53.7 kDa
AA Sequence	MTMTTMPESLNSPVSGKAVFMEFGPPNQQMSPSPMSHGHYSMHCLHSAGHSQPD GAYSSASSFSRPLGYPIVNSVSSHASSPYISSVQSYPGSASLAQSRLEDPGADSEK STVVEGGEVRFNGKGGKIRKPRTIYSSLQLQALNRRFQQTQYLALPERAELAASLGL TQTQVKIWFQNKRSKFKLMKQGGALEGSALANGRALSAGSPVPVPGWNPNSSS GKGSGGNAGSYIPSYTSWYPSAHQEAMQQPQLM

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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.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	DLX1 distal-less homeobox 1 [Homo sapiens]
Official Symbol	DLX1
Synonyms	DLX1; distal-less homeobox 1; Distal-Less Homeobox 1; Distal-Less Homeo Box 1; homeobox protein DLX-1; distal-less homeo box 1
Gene ID	1745
mRNA Refseq	NM_001038493
Protein Refseq	NP_001033582
MIM	600029
UniProt ID	P56177

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