Recombinant Human DLX4 Protein, HIS-tagged

Cat. No. DLX4-068H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DLX4 fused with His tag at N-termina was expressed in E. coli.
Species	Human
Source	E.coli
Description	Many vertebrate homeo box-containing genes have been identified on the basis of their sequence similarity with Drosophila developmental genes. Members of the Dlx gene family contain a homeobox that is related to that of Distal-less (Dll), a gene expressed in the head and limbs of the developing fruit fly. The Distal-less (Dlx) family of genes comprises at least 6 different members, DLX1-DLX6. The DLX proteins are postulated to play a role in forebrain and craniofacial development. Three transcript variants have been described for this gene, however, the full length nature of one variant has not been described. Studies of the two splice variants revealed that one encoded isoform functions as a repressor of the beta-globin gene while the other isoform lacks that function.
Form	25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1% Sarkosyl. Store at -80°C. Avoid r epeated freeze-thaw cycles. Stable for at least 3 months from receipt of products und er proper storage and handling conditions.
Molecular Mass	26.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	DLX4 distal-less homeobox 4 [Homo sapiens]
Official Symbol	DLX4
Synonyms	DLX4; distal-less homeobox 4; DLX7, DLX9; homeobox protein DLX-4; BP1; DLX8; beta protein 1; homeobox protein DLX-7; homeobox protein DLX-8; distal-less homeo box 7; distal-less homeo box 9; DLX7; DLX9;
Gene ID	1748
mRNA Refseq	NM_001934
Protein Refseq	NP_001925
MIM	601911
UniProt ID	Q92988

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