

Recombinant Full Length Human DLX4 Protein, GST-tagged

Cat. No. DLX4-4006HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DLX4 full-length ORF (NP_612138.1, 1 a.a. - 240 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	240 amino acids
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. [provided by RefSeq, Jul 2008]
Molecular Mass	52.7 kDa
AA Sequence	MTSLPCPLPGRDASKAVFPDLAPVPSVAAAYPLGLSPTTAASPNLSYSRPYGHLLSY PYTEPANPGDSYLSCQQPAALSQPLCGPAEHPQELEADSEKPRLSPEPSERRPQAP AKKLRKPRTIYSSLQLQHLNQRFQHTQYALPERAQLAAQLGLTQTQVKIWFQNKRS

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	KYKKLLKQNSGGQEGDFPGRTFSVSPCSPPLPSLWDLPKAGTLPTSGYGNSFGAW YQHHSSDVLASPQMM
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	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 homeobox 7; distal-less homeobox 9; DLX7; DLX9;
Gene ID	1748
mRNA Refseq	NM_001934
Protein Refseq	NP_001925
MIM	601911

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UniProt ID

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