

Recombinant Full Length Human DLX3 Protein, GST-tagged

Cat. No. DLX3-4004HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DLX3 full-length ORF (AAH28970, 1 a.a. - 287 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	287 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. Trichodontoosseous syndrome (TDO), an autosomal dominant condition, has been correlated with DLX3 gene mutation. This gene is located in a tail-to-tail configuration with another member of the gene family on the long arm of chromosome 17. Mutations in this gene have been associated with the autosomal dominant conditions trichodontoosseous syndrome and amelogenesis imperfecta with taurodontism. [provided by RefSeq, Jul 2008]
Molecular Mass	57.31 kDa
AA Sequence	MSGSFDRKLSSILTDISSLSCHAGSKDSPTLPESVTDLGYYSA PQHDYYSGQPYG QTVNPYTYHHQFNLNGLAGTGAYSPKSEYTYGASYRQYGAYREQPLPAQDPVSVK

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EEPEAEVRMVNGKPKKVRKPRTIYSSYQLAALQRRFQKAQYLALPERAELAAQLGLT
 QTQVKIWFQNRRSKFKKLYKNGEVPLEHSPNNSDSMACNSPPSPALWDTSSHSTP
 APARSQ LPPPLPYSASPSYLDDPTNSWYHAQNLSGPHLQQQPPQATLHHASPGP
 PPNPGAVY

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 [DLX3 distal-less homeobox 3 \[Homo sapiens \]](#)

Official Symbol [DLX3](#)

Synonyms DLX3; distal-less homeobox 3; distal less homeo box 3; homeobox protein DLX-3; AI4; TDO;

Gene ID [1747](#)

mRNA Refseq [NM_005220](#)

Protein Refseq [NP_005211](#)

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MIM	600525
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UniProt ID	O60479
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