

## Product datasheet for **AR51302PU-N**

### DLX3 (His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	DLX3 (His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMSGSFDR KLSSILTDIS SLSCHAGSK DSPTLPESV TDLGYYSAPQ HDYYSQPYG QTVNPTYHH QFNLNLAGT GAYSPKSEYT YGASYRQYGA YREQPLPAQD PVSVKEEPEA EVRMVNGKPK KVRKPRTIYS SYQLAALQRR FQKAQYLALP ERAELAAQLG LTQTQVKIWF QNRRSKFKK
Tag:	His-tag
Predicted MW:	23.4 kDa
Concentration:	lot specific
Purity:	>85 % by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human DLX3 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_005211</a>
Locus ID:	1747
UniProt ID:	<a href="#">O60479</a>
Cytogenetics:	17q21.33
Synonyms:	AI4; TDO



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**Summary:**

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]

**Protein Families:**

Druggable Genome, Transcription Factors

**Product images:**