
Product Data Sheet

Product Name: DLX3 Human
 Cat. No.: GP23328
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Homeobox protein DLX-3; DLX3; Distal-Less Homeobox 3; AI4; TDO.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMGSGFDR KLSSILTDIS SLSCHAGSK DSPTLPESV TDLYYSAPQ HDYYSQPYG QTVNPTYHH QFNINLAGT GAYSPKSEYT YGASYRQYGA YREQPLPAQD PVSVKEEPEA EVRMVNGKPK KVRKPRTIYS SYQLAALQRR FQKAQYLALP ERAELAAQLG LTQTQVKIWF QNRRSKFKK.		
Formulation	DLX3 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0) and 10% glycerol.		

Introduction

DLX3 belongs to the Distal-less (Dlx) family of genes which includes at least 6 different members. DLX3 plays a regulatory role in the development of the ventral forebrain and also in craniofacial patterning and morphogenesis. Mutation in DLX3 is correlated with Trichodontoosseous syndrome which is an autosomal dominant condition. DLX3 is located in a tail-to-tail configuration with another member of the gene family on the long arm of chromosome 17.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

DLX3 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 209 amino acids (1-186 a.a) and having a molecular mass of 23.4kDa. DLX3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary

Caution: Product has not been fully validated for medical applications. For research use only.

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chromatographic techniques.

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