

Product datasheet

Recombinant Human DLX3 protein (His tag) (denatured) **ab174407**

[1 Image](#)

Description

Product name	Recombinant Human DLX3 protein (His tag) (denatured)
Purity	> 85 % SDS-PAGE.
Expression system	Escherichia coli
Accession	<u>O60479</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHH SSSLVPRGSH MGSMGSGFDRKLSSILTDISSLSCHAGSKDSPTLPESV TDLGYYSAPQ HDYYSGQPYGQTVNPYTYHHQFNLNGLAGTGAYSPKSEYT YGASYRQYGA YREQPLPAQDPVSVKEEPEAEVRMVNGKPKKVRKPRTIY SSYQLAALQRR FQKAQYLALPERAELAAQLGLTQTQVKIMWFQNRRSKFKK
Predicted molecular weight	23 kDa including tags
Amino acids	1 to 186
Tags	His tag N-Terminus
Additional sequence information	(NP_005211).
Description	Recombinant Human DLX3 protein (His tag)

Specifications

Our **Abpromise guarantee** covers the use of **ab174407** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine)

General Info

Function

Likely to play a regulatory role in the development of the ventral forebrain. May play a role in craniofacial patterning and morphogenesis.

Involvement in disease

Defects in DLX3 are a cause of trichodontoosseous syndrome (TDO) [MIM:190320]. TDO is an autosomal dominant syndrome characterized by enamel hypoplasia and hypocalcification with associated strikingly curly hair.

Defects in DLX3 are the cause of amelogenesis imperfecta type 4 (AI4) [MIM:104510]; also known as amelogenesis imperfecta hypomaturational-hypoplastic type with taurodontism. AI4 is an autosomal dominant defect of enamel formation associated with enlarged pulp chambers.

Sequence similarities

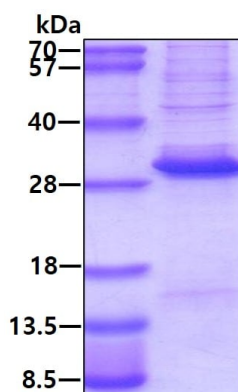
Belongs to the distal-less homeobox family.

Contains 1 homeobox DNA-binding domain.

Cellular localization

Nucleus.

Images



15% SDS-PAGE analysis of ab174407 at 3µg.

SDS-PAGE - Recombinant Human DLX3 protein
(His tag) (denatured) (ab174407)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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