abcam

Product datasheet

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

1 Image

Overview

Product name	Recombinant Human DLX3 protein (His tag) (denatured)
Protein length	Protein fragment
Description	Recombinant Human DLX3 protein (His tag)

Description

Nature	Recombinant
Source	Escherichia coli
Amino Acid Sequence	
Accession	O60479
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSGSFDRKLSSILTDISSSLSCHAGSKDSPTLPES SVTDLGYYSAPQ HDYYSGQPYGQTVNPYTYHHQFNLNGLAGTGAYSPKS EYTYGASYRQYGA YREQPLPAQDPVSVKEEPEAEVRMVNGKPKKVRKPR TIYSSYQLAALQRR FQKAQYLALPERAELAAQLGLTQTQVKIWFQNRRSKF KK
Molecular weight	23 kDa including tags
Amino acids	1 to 186
Tags	His tag N-Terminus
Additional sequence information	(NP_005211).

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

Purity	>90% by SDS-PAGE.
Form	Liquid

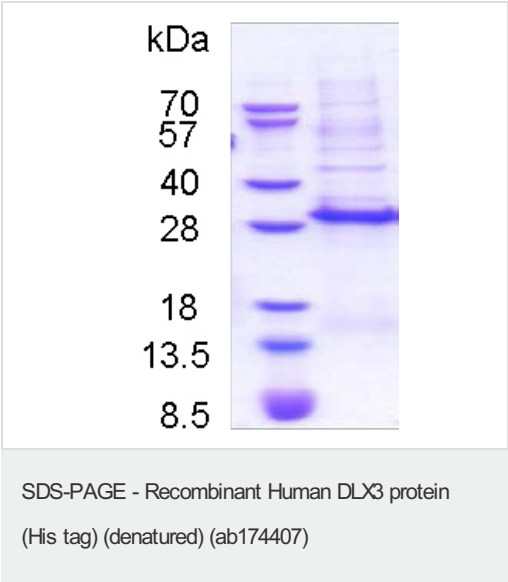
Preparation and Storage

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.

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 trichodentoosseous 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 hypomaturation-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



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

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

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