

Product datasheet

Recombinant Human PAX9 protein (denatured) ab171496

1 Image

Description

Product name	Recombinant Human PAX9 protein (denatured)
Purity	> 85 % SDS-PAGE.
Expression system	Escherichia coli
Accession	<u>P55771</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<p>MGSSHHHHHH SSGLVPRGSH MGSMEPAFGE VNQLGGVFN GRPLPNAIRL RVELAQLGI RPCDISRQLR VSHGCVSKIL ARYNETGSIL PGAIGGSKPR VTTPTVVKHI RTYKQRDPGI FAWAIRDRLL ADGVCDKYNV PSVSSISRIL RNKIGNLAQQ GHYDSYKQHQ PTPQPALPYN HIYSYSPIT AAAAKVPTPP GVPAIPGSVA MPRTWPSSHS VTDILGIRSI TDQVSDSSPY HSPKVEEWSS LGRNFPAAA PHAVNGLEKG ALEQEAKYGQ APNGLPAVGS FVSASSMAPY PTPAQVSPYM TYSAAPSGYV AGHWQHAGG TSLSPHNCDI PASLAFKGMQ AAREGSHSVT ASAL</p>
Predicted molecular weight	39 kDa including tags
Amino acids	1 to 341
Tags	His tag N-Terminus
Description	Recombinant Human PAX9 protein

Specifications

Our **Abpromise guarantee** covers the use of **ab171496** 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: 2.4% Urea, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine)

General Info

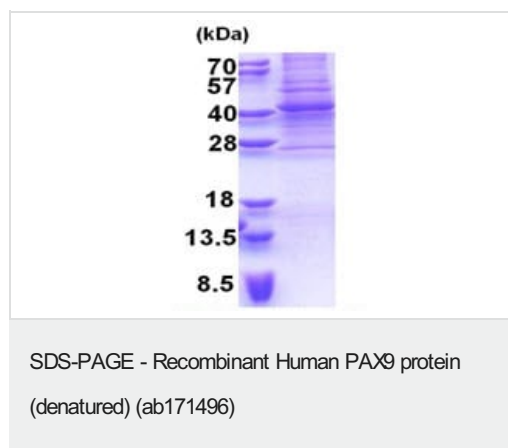
Function Transcription factor required for normal development of thymus, parathyroid glands, ultimobranchial bodies, teeth, skeletal elements of skull and larynx as well as distal limbs.

Involvement in disease Defects in PAX9 are the cause of tooth agenesis selective type 3 (STHAG3) [MIM:604625]. A form of selective tooth agenesis, a common anomaly characterized by the congenital absence of one or more teeth. Selective tooth agenesis without associated systemic disorders has sometimes been divided into 2 types: oligodontia, defined as agenesis of 6 or more permanent teeth, and hypodontia, defined as agenesis of less than 6 teeth. The number in both cases does not include absence of third molars (wisdom teeth).

Sequence similarities Contains 1 paired domain.

Cellular localization Nucleus.

Images



15% SDS-PAGE analysis of ab171496 (3µg).

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

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