

Datasheet for ABIN7552049
ALX1 Protein (AA 1-326) (His tag)



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Overview

Quantity:	1 mg
Target:	ALX1
Protein Characteristics:	AA 1-326
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ALX1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat ALX1 Protein expressed in mammalian cells.
Sequence:	<p>MEFLSEKFAL KSPPSKNSDF YMGAGGPLEH VMETLDNESF YSKASAGKCV QAFGPLPRAE HHVRLERTSP CQDSSVNYGI TKVEGQPLHT ELNRAMDNCN SLRMSPVKGM QEKGELDELG DKCDSNVSSS KKRRHRTTFT SLQLEEEKV FQKTHYPDVY VREQLALRTE LTEARVQVWF QNRRAKWRKR ERYGQIQQAK SHFAATYDIS VLPRTDSYPQ IQNNLWAGNA SGGSVVTSCM LPRDTSSCMT PYSHSPRTDS SYTGFSNHQN QFSHVPLNNF FTDSLTLTGAT NGHAFETKPE FERRSSSIIV LRMKAKEHTA NISWAM</p> <p>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	ALX1
Alternative Name:	ALX1 (ALX1 Products)
Background:	ALX homeobox protein 1 (Cartilage homeoprotein 1) (CART-1),FUNCTION: Sequence-specific DNA-binding transcription factor that binds palindromic sequences within promoters and may activate or repress the transcription of a subset of genes (PubMed:9753625, PubMed:8756334). Most probably regulates the expression of genes involved in the development of mesenchyme-derived craniofacial structures. Early on in development, it plays a role in forebrain mesenchyme survival (PubMed:20451171). May also induce epithelial to mesenchymal transition (EMT) through the expression of SNAI1 (PubMed:23288509). {ECO:0000269 PubMed:20451171, ECO:0000269 PubMed:23288509, ECO:0000269 PubMed:8756334, ECO:0000269 PubMed:9753625}.
Molecular Weight:	37.0 kDa
UniProt:	Q15699
Pathways:	Tube Formation

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months