

Recombinant Human ALX1, His-tagged

Cat. No. ALX1-9604H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ALX1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-326a.a.
Description	The specific function of this gene has yet to be determined in humans; however, in rodents, it is necessary for survival of the forebrain mesenchyme and may also be involved in development of the cervix. Mutations in the mouse gene lead to neural tube defects such as acrania and meroanencephaly.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	ALX1 ALX homeobox 1 [Homo sapiens]
Official Symbol	ALX1

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Synonyms	ALX1; ALX homeobox 1; CART1, cartilage paired class homeoprotein 1; ALX homeobox protein 1; CART-1; cartilage paired-class homeoprotein 1; FND3; CART1;
Gene ID	8092
mRNA Refseq	NM_006982
Protein Refseq	NP_008913
MIM	601527
UniProt ID	Q15699
Chromosome Location	12q21.31
Function	protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; transcription corepressor activity;

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