Recombinant Human ALX1 Protein, GST-Tagged

Cat. No. ALX1-0012H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CART1 full-length ORF (AAH10923.1, 1 a.a. - 326 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Jul 2008]
Molecular Mass	63.4 kDa
AA Sequence	MEFLSEKFALKSPPSKNSDFYMGAGGPLEHVMETLDNESFYSKASAGKCVQAFGPL PRAEHHVRLERTSPCQDSSVNYGITKVEGQPLHTELNRAMDNCNSLRMSPVKGMQ EKGELDELGDKCDSNVSSSKKRRHRTTFTSLQLEELEKVFQKTHYPDVYVREQLAL RTELTEARVQVWFQNRRAKWRKRERYGQIQQAKSHFAATYDISVLPRTDSYPQIQN NLWAGNASGGSVVTSCMLPRDTSSCMTPYSHSPRTDSSYTGFSNHQNQFSHVPLN NFFTDSLLTGATNGHAFETKPEFERRSSSIAVLRMKAKEHTANISWAM
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

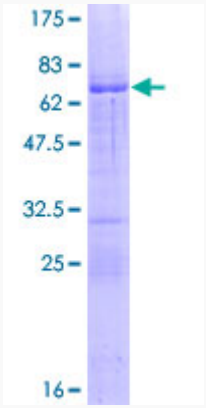
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45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

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

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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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