



# Recombinant Human ALX homeobox protein 1 (ALX1)

<b>Product Code</b>	CSB-BP624031HU
<b>Abbreviation</b>	ALX1
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q15699
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MEFLSEKFAL KSPPSKNSDF YMGAGGGLEH VMETLDNESF YSKASAGKCV QAFGPLPRAE HHVRLERTSP CQDSSVNYGI TKVEGQPLHT ELNRAMDNCN SLRMSPVKGM QEKGEDELG DKCDSNVSS KKRHRRTTFT SLQLEELEKV FQKTHYPDVY VREQLALRTE LTEARVQVWF QNRRAKWRKR ERYGQIQQAK SHFAATYDIS VLPRTDSYPQ IQNNLWAGNA SGGSVVTSCM LPRDTSSCMT PYSHSPRTDS SYTGFSNHQN QFSHVPLNNF FTDSLTLGAT NGHAFETKPE FERRSSSIIV LRMKAKEHTA NISWAM
<b>Source</b>	Baculovirus
<b>Target Names</b>	ALX1
<b>Protein Names</b>	Recommended name: ALX homeobox protein 1 Alternative name(s): Cartilage homeoprotein 1 Short name= CART-1
<b>Expression Region</b>	1-326
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients,



storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.