



# Recombinant Human Homeobox protein ARX (ARX)

<b>Product Code</b>	CSB-EP850418HU
<b>Abbreviation</b>	ARX
<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>	Q96QS3
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MSNQYQEEGC SERPECKSKS PTLSSYCID SILGRRSPCK MRLLGAAQSL PAPLTSRADP EKAVQGSPKS SSAPFEAELH LPPKLRRLYG PGGGRLLQGA AAAAAAAAA AAAAATATAG PRGEAPPPPP PTARPGERPD GAGAAAAAAAA AAAAAWDTLK ISQAPQVSIS RSKSYRENGA PFVPPPPALD ELGGPGGVTH PEERLGVAGG PGSAPAAGGG TGTEDDEEEL LEDEEDEDEE EELLEDEEEE LLEDDARALL KEPRRCPVAA TGAVAAAAAA AVATEGGELS PKEELLHPE DAEGKDGEDS VCLSAGSDSE EGLLKRKQRR YRTTFTSYQL EELERAFQKT HYPDVFTREE LAMRLDLTEA RVQVWFQNRK AKWRKREKAG AQTHPPGLPF PGPLSATHPL SPYLDASFPF PHHPALDSAW TAAAAAAAAA FPSLPPPPGS ASLPPSGAPL GLSTFLGAAV FRHPAFISPA FGRLFSTMAP LTSASTAAAL LRQPTPAVEG AVASGALADP ATAAADRRAS SIAALRLKAK EHAAQLTQLN ILPGTSTGKE VC
<b>Source</b>	E.coli
<b>Target Names</b>	ARX
<b>Protein Names</b>	Recommended name: Homeobox protein ARX Alternative name(s): Aristaless-related homeobox
<b>Expression Region</b>	1-562
<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>	This gene is a homeobox-containing gene expressed during development. The expressed protein contains two conserved domains, a C-peptide (or aristaless domain) and the prd-like class homeobox domain. It is a member of the group-II aristaless-related protein family whose members are expressed primarily in the central and/or peripheral nervous system. This gene is thought to be involved in CNS development. Mutations in this gene cause X-linked mental retardation and



epilepsy.

---

**Reconstitution**

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.

---

**Shelf Life**

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.