



# Recombinant Human Homeobox protein Hox-A9 (HOXA9)

<b>Product Code</b>	CSB-EP010658HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P31269
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MATTGALGNY YVDSFLLGAD AADELSVGRY APGTLGQPPR QAATLAEHPD FSPCSFQSKA TVFGASWNPV HAAGANAVPA AVYHHHHHHP YVHPQAPVAA AAPDGRYMRS WLEPTPGALS FAGLPSSRPY GIKPEPLSAR RGDCPTLDTH TSLTDYACG SPPVDREKQP SEGAFSENN A ENESGGDKPP IDPNNPAANW LHARSTRKKR CPYTKHQ TLE KEFLFNM Y LTRDRRYEVA RLLNLTERQV KIWFQNRMMK MKKINKDRAK DE
<b>Source</b>	E.coli
<b>Target Names</b>	HOXA9
<b>Protein Names</b>	Recommended name: Homeobox protein Hox-A9 Alternative name(s): Homeobox protein Hox-1G
<b>Expression Region</b>	1-272
<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>	In vertebrates, the genes encoding the class of transcription factors called homeobox genes are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development. This gene is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation. This gene is highly similar to the abdominal-B (Abd-B) gene of Drosophila. A specific translocation event which causes a fusion between this gene and the NUP98 gene has been associated with myeloid leukemogenesis.
<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.