



Recombinant Human Homeobox protein Hox-B4 (HOXB4)

Product Code	CSB-EP010664HU
Storage	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.
Uniprot No.	P17483
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MAMSSFLINSNYVDPKFPPCEEYSQSDYLPSDHSPGYAYAGGQRRESSFQPEA GFGRRAACTVQRYAACRDPGPPPPPPPPPPPPPPGLSPRAPAPPAGALLP EPGQRCEAVSSSPPPPPCAQNPLHPSPSHSACEKPVVYPWMRKVHVSTVNP NYAGGEPKRSRTAYTRQQVLELEKEFHYNRYLTRRRRVEIAHALCLSERQIKI WFQNRMRKWKDHLKLPNTKIRSGGAAGSAGGPPGRPNGGPRAL
Research Area	Transcription
Source	E.coli
Target Names	HOXB4
Protein Names	Recommended name: Homeobox protein Hox-B4 Alternative name(s): Homeobox protein Hox-2.6 Homeobox protein Hox-2F
Expression Region	1-251aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4? for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length
Target Details	This gene is a member of the Antp homeobox family and encodes a nuclear protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded protein functions as a sequence-specific transcription factor that is involved in development. Intracellular or ectopic expression of this protein expands hematopoietic stem and progenitor cells in vivo and in vitro, making it a potential candidate for therapeutic stem cell expansion.
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

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