



# Recombinant Human Homeobox protein Hox-B8 (HOXB8)

<b>Product Code</b>	CSB-YP010668HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P17481
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSSYFVNSLF SKYKTGESLR PNYDYGFAQ DLGGRPTVVY GPSSGGSFQH PSQIQEFYHG PSSLSTAPYQ QNPCAVACHG DPGNFYGYDP LQRQSLFGAQ DPDLVQYADC KLAAASGLGE EAEGSEQSPS PTQLFPWMRP QAAAGRRRGR QTYSRYQTLLE KEKFLFNPY LTRKRRIEVS HALGLTERQV KIWFQNRMRK WKKENNKDKF PSSKCEQEEL EKQKLERAPE AADEGDAQKG DKK
<b>Source</b>	Yeast
<b>Target Names</b>	HOXB8
<b>Protein Names</b>	Recommended name: Homeobox protein Hox-B8 Alternative name(s): Homeobox protein Hox-2.4 Homeobox protein Hox-2D
<b>Expression Region</b>	1-243
<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 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. Increased expression of this gene is associated with colorectal cancer. Mice that have had the murine ortholog of this gene knocked out exhibit an excessive pathologic grooming behavior. This behavior is similar to the behavior of humans suffering from the obsessive-compulsive spectrum disorder trichotillomania.
<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.