



Recombinant Human Homeobox protein Hox-B13 (HOXB13)

Product Code	CSB-YP842162HU
Abbreviation	HOXB13
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.	Q92826
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MEPGNYATLD GAKDIEGLLG AGGGRNLVAH SPLTSHPAAP TLMPAVNYAP LDLPGSAEPP KQCHPCPGVP QGTSPAPVPY GYFGGGYYSC RVSRSLLKPC AQAATLAAYP AETPTAGEEY PSRPTEFAFY PGYPGTYQPM ASYLDVSVVQ TLGAPGEP RH DSLLPVDSYQ SWALAGGWNS QMCCQGEQNP PGPFWKA AFA DSSGQHPPDA CAFRRGRKKR IPYSKGQLRE LEREYAANKF ITKDKRRKIS AATSLSERQI TIWFQNRVK EKKVLAKVKN SATP
Source	Yeast
Target Names	HOXB13
Protein Names	Recommended name: Homeobox protein Hox-B13
Expression Region	1-284
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This gene encodes a transcription factor that belongs to the homeobox gene family. Genes of this family are highly conserved among vertebrates and essential for vertebrate embryonic development. This gene has been implicated to play a role in fetal skin development and cutaneous regeneration. In mice, a similar gene was shown to exhibit temporal and spatial colinearity in the main body axis of the embryo, but was not expressed in the secondary axes, which suggests functions in body patterning along the axis. This gene and other HOXB genes form a gene cluster at chromosome the 17q21-22 region.
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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