



Recombinant Human Homeobox protein Hox-B2 (HOXB2)

Product Code	CSB-MP010662HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P14652
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MNFEFEREIG FINSQPSLAE CLTSFPAVLE TFQTSSIKES TLIPPPPPFE QTFPSLQPGA STLQRPRSQK RAEDGPALPP PPPPPLPAAP PAPEFPWMKE KKSAAKPSQS ATSPSPAASA VPASGVGSPA DGLGLPEAGG GGARRLRTAY TNTQLLELEK EFHFNKYLKR PRRVEIAALL DLTERQVKVW FQNRMRMKHKR QTQHREPPDG EPACPGALED ICDPAEEPAA SPGGPSASRA AWEACCHPPE VVPGALSADP RPLAVRLEGA GASSPGCALR GAGGLEPGPL PEDVFSGRQD SPFLPDLNFF AADSCLQLSG GLSPSLQGSL DSPVPFSEEE LDFFTSTLCA IDLQFP
Source	Mammalian cell
Target Names	HOXB2
Protein Names	Recommended name: Homeobox protein Hox-B2 Alternative name(s): Homeobox protein Hox-2.8 Homeobox protein Hox-2H K8
Expression Region	1-356
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 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 pancreatic cancer.
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.