



Recombinant Human Homeobox protein Hox-B9 (HOXB9)

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| Product Code | CSB-MP010669HU |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | P17482 |
| Product Type | Recombinant Protein |
| Immunogen Species | Homo sapiens (Human) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MSISGTLSSY YVDSIISHES EDAPPAKFPS GQYASSRQPG HAEHLEFPSC SFQPKAPVFG ASWAPLSPHA SGSLPSVYHP YIQPQGVPPA ESRYLRTWLE PAPRGEAAPG QGQAAVKAEP LLGAPGELLK QGTPEYSLET SAGREAVLSN QRPGYGDNKI CEGSEDKERP DQTNPSANWL HARSSRKKRC PYTKYQTLEL EKEFLFNMYL TRDRRHEVAR LLNLSERQVK IWFQNRMMKM KKMNKEQGKE |
| Source | Mammalian cell |
| Target Names | HOXB9 |
| Protein Names | Recommended name: Homeobox protein Hox-B9 Alternative name(s): Homeobox protein Hox-2.5 Homeobox protein Hox-2E |
| Expression Region | 1-250 |
| 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 Abd-B homeobox family and encodes a protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded nuclear protein functions as a sequence-specific transcription factor that is involved in cell proliferation and differentiation. Increased expression of this gene is associated with some cases of leukemia, prostate cancer and lung 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. |