

## 32-3991: HOXC11 Recombinant Protein

**Alternative Name :** Homeobox protein Hox-C11, Homeobox protein Hox-3H, HOXC11, HOX3H.

### Description

Source : Escherichia Coli. HOXC11 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 327 amino acids (1-304 a.a.) and having a molecular mass of 36.1kDa. HOXC11 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Homeobox C11 (HOXC11) is a member of the Abd-B homeobox family. The homeobox genes encode well conserved family of transcription factors that play a vital role in morphogenesis in all multicellular organisms. HOXC11 is one of numerous homeobox HOXC genes placed in a cluster on chromosome 12. HOXC11 attaches to a promoter element of the lactase-phlorizin hydrolase. HOXC11 also takes part in early intestinal development. An alternatively spliced variant encoding a shorter isoform has been defined however, its full-length nature has not been determined.

### Product Info

|                            |   |
|----------------------------|---|
| <b>Amount :</b>            | 20 µg   |
| <b>Purification :</b>      | Greater than 80.0% as determined by SDS-PAGE.   |
| <b>Content :</b>           | HOXC11 protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol.   |
| <b>Storage condition :</b> | Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.  |
| <b>Amino Acid :</b>        | MGSSHHHHHH SGLVPRGSH MGSFNSVNL GNFCSPSRKE RGADFGERS CASNLYLPSC<br>TYMPEFSTV SSFLPQAPSR QISYPYSAQV PPVREVS YGL EPSGKWHHRN SYSSCYAAAD ELMHRECLPP<br>STVTEILMKN EGSYGGHHHP SAPHATPAGF YSSVNKNSVL PQAFDRFFDNAYCGGGDPPA EPPCSGKGEA<br>KGEPEAPPAS GLASRAEAGA EAEAEENTN PSSSGSAHSV AKEPAKGAAP NAPRTRKKRC PYSKFQIREL<br>EREFFNVYI NKEKRLQLSR MLNLDRQVK IWFQNRMMKE KKLSRDRLQY FSGNPLL. |

