

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

Amount :	20 µg
Purification :	Greater than 80.0% as determined by SDS-PAGE.
Content :	HOXC11 protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SGLVPRGSH MGSFNSVNL GNFCSPSRKE RGADFGERS CASNLYLPSC TYMPEFSTV SSFLPQAPSR QISYPYSAQV PPVREVSYGL EPSGKWHHRN SYSSCYAAAD ELMHRECLPP STVTEILMKN EGSYGGHHHP SAPHATPAGF YSSVNKNSVL PQAFDRFFDNAYCGGGDPPA EPPCSGKGEA KGEPEAPPAS GLASRAEAGA EAEAEENTN PSSSGSAHSV AKEPAKGAAP NAPRTRKKRC PYSKFQIREL EREFFNVYI NKEKRLQLSR MLNLDRQVK IWFQNRMMKE KKLSRDRLQY FSGNPLL.