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HOXC11, 1-304aa, Human, His tag, E.coli

产品货号: TP02488

第三版

别名:homeobox protein Hox-C11, HOX3H

描述:HOXC11 belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. This gene is one of several homeobox HOXC genes located in a cluster on chromosome 12. HOXC11 binds to a promoter element of the lactase-phlorizin hydrolase. It also may play a role in early intestinal development. An alternatively spliced variant encoding a shorter isoform has been described but its full-length nature has not been determined. Recombinant human HOXC11 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol

分子量:36.1kDa (327aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSMFNSVNLGNFCSPSRKERGADFGERGSCASNLYLPSTYYMPEFSTVSSFLPQAPSRQ
ISYPYSAQVPPVREVSYGLEPSGKWHHRNSYSSCYAADELHRECLPPSTVTEILMKNEGSYGGHHHPSAPHATPAGFYS
SVNKNSVLPQAFDRFFDNA YCGGGDPPAEPSPSGKGEAKGEPEAPPASGLASRAEAGAEAEAEENTNPSSSGSAHVAKE
PAKGAAPNAPRTRKKRCPYSKFQIRELEREFFNVYINKEKRLQLSRMLNLTDRQVKIWFQNRMMKEKLSRDRLQYFSGN
PLL

纯度:> 95% by HPLC

浓度:0.25 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.