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CDH11, 54-617aa, Human, His tag, E.coli

产品货号: TP01551

第三版

别名: Cadherin 11, type 2, CAD11, CDHOB, OB, OSF-4

描述: CDH11, also known as cadherin 11, is a member of the cadherin superfamily, integral membrane proteins that mediate calcium-dependent cell-cell adhesion. This protein is defined based on their lack of a HAV cell adhesion recognition sequence specific to type I cadherins. Expression of this particular cadherin in osteoblastic cell lines, and its upregulation during differentiation, suggests a specific function in bone development and maintenance. Recombinant human CDH11 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl

分子量: 66.2 kDa(601aa)

序列:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMGWVWNQFFVIEEYTGPDVPLVGR LHSDIDSGDGNIKY
ILSGEGAGTIFVIDDKSGNIHATKTLDRERAQYTLMAQAVDRDTNRPLEPPSEFIVKVQDINDNPPEFLHETYHANVPERS
NVGTSVIQVTASDADDPTYGNSAKLVYSILEGQPYFSVEAQTGIIRALPNMDREAKEEYHVVIQAKDMGGHMGGLSGT
TKVMITLTDVNDNPPKFPQSVYQMSVSEAAVPGEEVGRVKAKDPDIGENGLVTYNIVDGDGMESFEITTDYETQEGVIKL
KKPVDFETKRAYSLKVEAANVHIDPKFISNGPFKDTVTVKIAVEDADEPPMFLAPSYIHEVQENAAAGTVVGRVHAKDPD
AANSPIRYSIDRHTDLDRFFTINPEDGFIKTTKPLDREETAWLNITVFAAEIHNRHQEAKVPVAIRVLDVNDNAPKFAAPYE
GFICESDQTKPLSNQPIVTISADDKDDTANGPRFIFSLPPEIHNPNFTVRDNRDNTAGVYARRGGFSRQKQDLYLLPIVISD
GGIPMSSTNTLTIKVCGCDVNGALLSCNAEAYILNAGLST

纯度: > 95% by HPLC

浓度: 1 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.