

AR50795PU-S**Human CDH11 (54-617, His-tag) - Purified****Alternate names:**

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

Quantity:

50 µg

Concentration:

1 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:[Q96CZ9](#)**NCBI:**[AAH13609.1](#)**Species:**

Human

Source:

E. coli

Format:**State:** Liquid purified protein**Purity:** >85% by SDS - PAGE**Buffer System:** 20 mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl**Description:**

Recombinant human CDH11 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGS MGWV WNQFFVIEEY TGPDPVLVGR
LHSDIDSGDG NIKYILSGEG AGTIFVIDDK SGNIHATKTL DREERAQYTL MAQAVDRDTN
RPLEPPSEFI VKVQDINDNP PEFLHETYHA NVPERSNVGT SVIQVTASDA DDPTYGNSAK
LVYSILEGQP YFSVEAQTGI IRTALPNMDR EAKEEYHVI QAKDMGGHMG GLSGTTKVM I
TLTDVNDNPP KFPQSVYQMS VSEAAVPGEE VGRVKAKDPD IGENGLVITYN IVDGDGMESF
EITTDYETQE GVIKLLKPPVD FETKRAYSLK VEAAVNHIDP KFISNGPFKD TVTVKIAVED
ADEPPMFLAP SYIHEVQENA AAGTVVGRVH AKDPDAANSP IRYSIDRHTD LDRFFTINPE
DGFIKTTKPL DREETAWLNI TVFAAEIHNR HQEAKVPVAI RVLDVNDNAP KFAAPYEGFI
CESDQTKPLS NQPIVTISAD DKDDTANGPR FIFSLPPEII HNPNTVVRDN RDNTAGVYAR
RGGFSRQKQD LYLLPIVISD GGIPMSSTN TLTIKVCGCD VNGALLSCNA EAYILNAGLS T

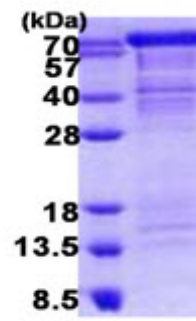
Molecular weight: 66.2 kDa (601aa)**Storage:**

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.
Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Pishvaian MJ. et al. (1999) Cancer Res. 59:947-952. Suzuki S. et al. (1991) Cell Regul. 2:261-270.

Pictures:



15% SDS-PAGE (3ug)