

## 32-3495: CDH11 Recombinant Protein

**Alternative Name :** CAD11,CDHOB,OB,OSF-4,Cadherin 11,Osteoblast cadherin,OB-cadherin.

### Description

Source : E.coli. CDH11 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 601 amino acids (54-617 a.a) and having a molecular mass of 66.2kDa. CDH11 is fused to a 37 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Cadherin 11 (CDH11) belongs to the cadherin superfamily (integral membrane proteins) which mediate calcium-dependent cell-cell adhesion. CDH11 is defined based on lacking a HAV cell adhesion recognition sequence specific to type I cadherins. CDH11 protein's expression in osteoblastic cell lines, and its upregulation during differentiation, suggests a specific function in bone development and maintenance. CDH11 contributes to the sorting of heterogeneous cell types.

### Product Info

<b>Amount :</b>	10 µg
<b>Purification :</b>	Greater than 85% as determined by SDS-PAGE.
<b>Content :</b>	CDH11 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.1M NaCl.
<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>	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMGWV WNQFFVIEEY TGPDPVLVGR LHSDIDSGDG NIKYILSGEG AGTIFVIDDK SGNIHATKTL DREERAQYTL MAQAVDRDTN RPLEPPSEFI VKVQDINDNP PEFLHETYHA NVPERSNVGT SVIQVTASDA DDPTYGNSAK LVYSILEGQP YFSVEAQTGI IRTALPNMDR EAKKEEHVVI QAKDMGGHMG GLSGTTKVM I TLTDVNDNPP KFPQSVYQMS VSEAAVPGEE VGRVKAKDPD IGENGLVTYN IVDGDGMESF EITTDYETQE GVIKLKKPVD FETKRAYSLK VEAANVHIDP KFISNGPFKD TVTVKIAVED ADEPPMFLAP SYIHEVQENA AAGTVVGRVH AKDPDAANSP IRYSIDRHTD LDRFFINPE DGFIKTTKPL DREETAWLNI TVFAAEIHNH HQEAKVPVAI RVLVDVNDNAP KFAAPYEGFI CESDQTKPLS NQPIVTISAD DKDDTANGPR FIFSLPPEII HNPNTVRDN RDNTAGVYAR RGGFSRQKQD LYLLPIVISD GGIPMSSTN TLTIKVCGCD VNGALLSCNA EAYILNAGLS T.

