9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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CDH11 Human

Cadherin 11 Human Recombinant
RCP0368

Product Overview

Name	CDH11 Human
Description	
Cadherin 11 Human Recombinant	
Accession (Primary)	P55287
Synonyms	
CAD11, CDHOB, OB, OSF-4, Cadherin 11, Osteoblast cadherin, OB-cadherin.	
Introduction	
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.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
CDH11 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.1M NaCl.	
Stability	
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.	
Purity	
Greater than 85% as determined by SDS-PAGE.	
Amino acid sequence	
MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSM GWV WNQFFVIEEY TGPDPVLVGR LHSDIDSGDG NIKYILSGEG AGTIFVIDDK SGNIHATKTL DREERAQYTL MAQAVDRDTN RPLEPPSEFI VKVQDINDNP PEFLHETYHA NVPERSNVGT SVIQVTASDA DDPTYGNSAK LVYSILEGQP YFSVEAQTGI IRTALPNMDR EAKEEYHVVI QAKDMGGHMG GLSGTTKVMI TLTDVNDNPP KFPQSVYQMS VSEAAVPGEE VGRVKAKDPD	

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IGENGLVTYN IVDGDGMESF EITTDYETQE GVIKLKKPVD FETKRAYSLK VEAANVHIDP KFISNGPFKD TVTVKIAVED ADEPPMFLAP SYIHEVQENA AAGTVVGRVH AKDPDAANSP IRYSIDRHTD LDRFFTINPE DGFIKTTKPL DREETAWLNI TVFAAEIHNR HQEAKVPVAI RVLDVNDNAP KFAAPYEGFI CESDQTKPLS NQPIVTISAD DKDDTANGPR FIFSLPPEII HNPNFTVRDN RDNTAGVYAR RGGFSRQKQD LYLLPIVISD GGIPPMSSTN TLTIKVCGCD VNGALLSCNA EAYILNAGLS T.

Precautions

CDH11 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P55287)