

Datasheet for ABIN7491301
OB Cadherin Protein (AA 23-617) (His tag)



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1 Image

Overview

Quantity:	100 µg
Target:	OB Cadherin (CDH11)
Protein Characteristics:	AA 23-617
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This OB Cadherin protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human CDH11(23-617) Protein with C-terminal 6xHis tag
Specificity:	CDH11 (23-617) (Phe23-Thr617) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	OB Cadherin (CDH11)
Alternative Name:	CDH11 (CDH11 Products)
Background:	This gene encodes a type II classical cadherin from the cadherin superfamily, integral

Target Details

membrane proteins that mediate calcium-dependent cell-cell adhesion. Mature cadherin proteins are composed of a large N-terminal extracellular domain, a single membrane-spanning domain, and a small, highly conserved C-terminal cytoplasmic domain. Type II (atypical) cadherins are 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. [provided by RefSeq, Jul 2008]

Molecular Weight: predicted molecular mass of 66.4 kDa after removal of the signal peptide. The apparent molecular mass of CDH11(23-617)-His is 70-100 kDa due to glycosylation.

UniProt: [P55287](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



SDS-PAGE

Image 1. Human (23-617) Protein, His Tag on SDS-PAGE under reducing condition.