

Recombinant Human CDH11 Protein, GST-Tagged

Cat. No. CDH11-0972H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CDH11 partial ORF (NP_001788, 509 a.a. - 617 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a type II classical cadherin from the cadherin superfamily, integral 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 Mass	37.73 kDa
AA Sequence	PIVTISADDKDDTANGPRFIFSLPPEIIHNPNTVRDNRDNTAGVYARRGGFSRQKQD LYLLPIVISDGGIPPMSSNTLTIKVCGCDVNGALLSCNAEAYILNAGLST
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Protein Array

Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

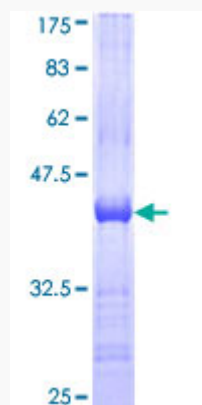
Gene Name	CDH11 cadherin 11, type 2, OB-cadherin (osteoblast) [Homo sapiens]
Official Symbol	CDH11
Synonyms	CDH11; cadherin 11, type 2, OB-cadherin (osteoblast); cadherin-11; CAD11; OB; OB Cadherin; CDHOB; OSF-4;
Gene ID	1009
mRNA Refseq	NM_001797
Protein Refseq	NP_001788
MIM	600023
UniProt ID	P55287

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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