

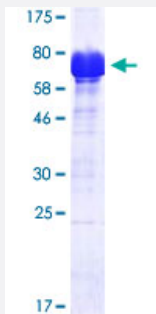
HuPro®

CDH11 (Human) Recombinant Protein

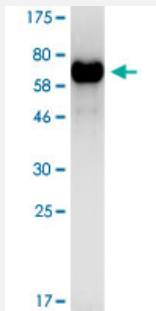
Catalog # H00001009-H01

Size 25 ug

Applications



SDS-PAGE Gel



Western Blot

Specification

Product Description

Purified CDH11 (NP_001788.2 54 a.a. - 617 a.a.) human recombinant protein with His-Flag-StreptII tag at N-terminus expressed in human cells.

Transfected Cell Line

Human HEK293T cells

Sequence

GWVWNQFFVIEEYTGPDPLVGRHLHSDIDSGDGNIKYILSGEGAGTIFVIDDKSGNIHATKTLDRREE
RAQYTLMAQAVDRDNRPLEPPSEFIVKVQDINDNPPEFLHETYHANVPERSNVGTSVIQVTASDA
DDPTYGNSAKLVYSILEGQPYFSVEAQTGIIRLTALPNMDREAKEEYHVVIQAKDMGGHMGGLSGTT
KVITLTDVNDNPPKFPQSVYQMSVSEAAVPGEEVGRVKAKDPDIGENGLVTYNIVDGDGMESFE
ITTDYETQEGVIKLLKPPVDFETKRAYSLKVEAANVHIDPKFISNGPFDKDTVTVKISVEDADEPPMFL
APSYIHEVQENAAAGTVVGRVHAKDPDAANSPIRYSIDRHTDLDRFFTINPEDGFIKTTKPLDREET
AWLNITVFAAEIHNRHQEAKVPVAIRVLDVNDNAPKFAAPYEGFICESDQTKPLSNQPIVTISADDK
DDTANGPRFIFSLPPEIIHNPNTVRDNRDNTAGVYARRGGFSRQKQDLYLLPMISDGGIPPMSSSTN
TLTIKVCDCDVNGALLSCNAEAYILNAGLST

Host	Human
Theoretical MW (kDa)	67.31999999999999
Interspecies Antigen Sequence	Mouse (97); Rat (98)
Form	Liquid
Preparation Method	Transfection of pSuper-CDH11 plasmid into HEK293T cell, and the expressed protein was purified by <i>Strep</i> -Tactin affinity column.
Purification	<i>Strep</i> -Tactin affinity columns
Concentration	≥ 10 ug/ml
Quality Control Testing	SDS-PAGE and Western Blot SDS-PAGE Gel Western Blot
Storage Buffer	100 mM Tris-HCl pH 8.0, 150 mM NaCl, 1 mM EDTA, and 5 mM desthiobiotin.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay
- SDS-PAGE
- Protein Interaction

Gene Info — CDH11

Entrez GeneID	1009
GeneBank Accession#	NM_001797.2
Protein Accession#	NP_001788.2
Gene Name	CDH11
Gene Alias	CAD11, CDHOB, OB, OSF-4

Gene Description	cadherin 11, type 2, OB-cadherin (osteoblast)
Omim ID	600023
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	OB-cadherin cadherin 11, type 2 cadherin-11 osteoblast cadherin

Disease

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