PRODUCT INFORMATION

Target	CDH11
Synonyms	CAD11;CDHOB;ESWS;OB;OSF-4
Description	Recombinant Human CDH11(54-617) Protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	P55287
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	CDH11(Gly54-Thr617) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 62.8 kDa after removal of the signal peptide. The apparent molecular mass of CDH11(54-617)-His is approximately 70-100 kDa due to glycosylation.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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.
Background	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]
Usage	Research use only
Conjugate	Unconjugated

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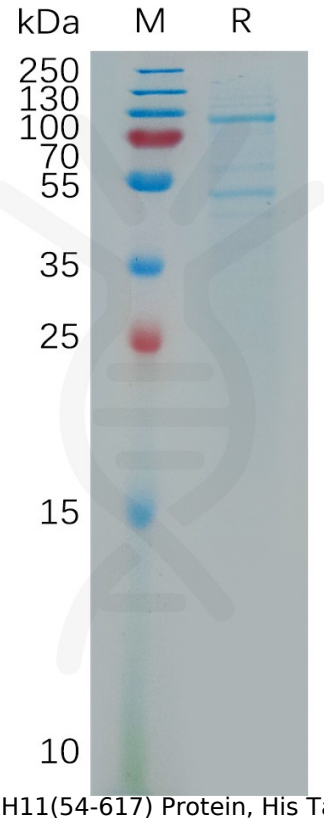


Figure 1. Human CDH11(54-617) Protein, His Tag on SDS-PAGE under reducing condition.

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