

## Active Recombinant Human CDH11, Fc Chimera

**Cat. No.** CDH11-159H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CDH11 (Accession # AAA35622) was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Predicted N Terminal</b>	Phe23 (pro) & Gly54 (mature)
<b>Form</b>	Lyophilized from a 0.2 µ filtered solution in MES and NaCl with Trehalose.
<b>Bio-activity</b>	Measured by the ability of the immobilized protein to support the adhesion of MDA-MB-231 human breast cancer cells. When $7.5 \times 10^4$ cells/well are added to Recombinant Human Cadherin-11 Fc Chimera coated plates (20 µg/mL with 100 µ/well), approximately 50-80% will adhere after 1 hour at 37 °C.
<b>Molecular Mass</b>	Recombinant Human CDH11, Fc Chimera has a calculated MW of 93 kDa (pro), 90 kDa (mature). In SDS-PAGE migrates as 110-120 kDa, reducing conditions.
<b>Purity</b>	>85%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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**GENE INFORMATION**

<b>Gene Name</b>	CDH11 cadherin 11, type 2, OB-cadherin (osteoblast) [ Homo sapiens ]
<b>Official Symbol</b>	CDH11
<b>Synonyms</b>	CDH11; cadherin 11, type 2, OB-cadherin (osteoblast); cadherin-11; CAD11; OB; OB Cadherin; CDHOB; OSF-4;
<b>Gene ID</b>	1009
<b>mRNA Refseq</b>	NM_001797
<b>Protein Refseq</b>	NP_001788
<b>MIM</b>	600023
<b>UniProt ID</b>	P55287
<b>Chromosome Location</b>	16q21

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