

## Active Recombinant Human CADM4, Fc-tagged

Cat. No. CADM4-651H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	The recombinant human NECL4-Fc fusion protein is expressed as a 532-amino acid protein consisting of Pro21 - Ala324 region of NECL4 (UniProt accession #Q8NFZ8) and a C-terminal Fc from human IgG1, which exists as a dimer under non-reducing conditions.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>ProteinLength</b>	21-324 a.a.
<b>Form</b>	Supplied at 0.5 mg/ml in sterile PBS pH7.4 (carrier & preservative free).
<b>Bio-activity</b>	Immobilized NECL4 interact heterophilically with NECL1 and NECL3. Enhances neurite outgrowth of E16-E18 rat embryonic cortical neurons.
<b>Molecular Mass</b>	Calculated molecular mass (kDa): 59.0; Estimated by SDS-PAGE under reducing condition (kDa): 75-85
<b>AA Sequence</b>	PGAGQEVQTENVTVAEAGGVAEITCRLHQYDGSIVVIQNPARTLFFNGTRALKDERF QLEEFSPRRVRIRLSDA RLEDEGGYFCQLYTEDTHHQIATLTVLVAPENPVVEVREQ AVEGGEVELSCLVPRSRPAATLRWYRDRKELKGV SSSQENGVWSVASTVFRFRV DRKDDGGIIICEAQNQALPSGHSKQTQYVLDVQYSPTARIHASQAVVREGDTLV LTC AVTGNPRPNQIRWNRGNESLPERAEAVGETLTLPLGLVSADNGTYTCEASNKHGHA RALYVLVYDPGAVVE AQTSPYASTGHTHCPPCPAPELLGGPSVFLFPPKPKDTL

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MISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVH NAKTKPREEQYNSTYRVVSVL  
 TVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMT KNQ  
 VSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSGDGSFFLYSKLTVDKSRWQ  
 QGNVFSCSVMHEALH NHYTQKSLSLSPGK

**Endotoxin** <0.1 eu per 1 µg of purified recombinant protein determined by the lal>

**Purity** >95% judged by SDS-PAGE under reducing condition

**Storage** The product is shipped at 4°C. Upon receipt, centrifuge the product briefly before opening the vial. It is recommended to store small aliquots at the temperature below -20°C for long-term storage and the product is stable for 3 months. The undiluted protein can be stored at 4°C for no more than 2 weeks. Avoid repeated freeze-thaw cycles.

## GENE INFORMATION

**Gene Name** [CADM4 cell adhesion molecule 4 \[ Homo sapiens \]](#)

**Official Symbol** [CADM4](#)

**Synonyms** CADM4; cell adhesion molecule 4; IGSF4C, immunoglobulin superfamily, member 4C; Necl 4; nectin like 4; SynCAM4; TSLL2; TSLC1-like 2; nectin-like 4; TSLC1-like protein 2; nectin-like protein 4; immunoglobulin superfamily member 4C; immunoglobulin superfamily, member 4C; NECL4; IGSF4C; Necl-4; synCAM4;

**Gene ID** [199731](#)

**mRNA Refseq** [NM\\_145296](#)

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<b>Protein Refseq</b>	NP_660339
<b>MIM</b>	609744
<b>UniProt ID</b>	Q8NFZ8
<b>Chromosome Location</b>	19q13.32

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