Active Recombinant Human CADM4, Fc-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	Human Cells
ProteinLength	21-324 a.a.
Form	Supplied at 0.5 mg/ml in sterile PBS pH7.4 (carrier & preservative free).
Bio-activity	Immobilized NECL4 interact heterophilically with NECL1 and NECL3. Enhances neurite outgrowth of E16-E18 rat embryonic cortical neurons.
Molecular Mass	Calculated molecular mass (kDa): 59.0; Estimated by SDS-PAGE under reducing condition (kDa): 75-85
AA Sequence	PGAGQEVQTENVTVAEGGVAEITCRLHQYDGSIVVIQNPARQTLFFNGTRALKDERF QLEEFSPRRVRIRLSDA RLEDEGGYFCQLYTEDTHHQIATLTVLVAPENPVVEVREQ AVEGGEVELSCLVPRSRPAATLRWYRDRKELKGV SSSQENGKVWSVASTVRFRV DRKDDGGIIICEAQNQALPSGHSKQTQYVLDVQYSPTARIHASQAVVREGDTLV LTC AVTGNPRPNQIRWNRGNESLPERAEAVGETLTLPGLVSADNGTYTCEASNKHGHA RALYVLVVYDPGAVVE AQTSVPYASTGTHTCPPCPAPELLGGPSVFLFPPKPKDTL

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	MISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVH NAKTKPREEQYNSTYRVVSVL TVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMT KNQ VSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQ 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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Protein Refseq	NP_660339
MIM	609744
UniProt ID	Q8NFZ8
Chromosome Location	19q13.32

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