

## Recombinant Human CADM2, His-tagged

**Cat. No.** CADM2-10652H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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| <b>Product Overview</b> | Recombinant Human CADM2 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.                                                                                                                                                                                                                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 28-404a.a.                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>      | This gene encodes a member of the synaptic cell adhesion molecule 1 (SynCAM) family which belongs to the immunoglobulin (Ig) superfamily. The encoded protein has three Ig-like domains and a cytosolic protein 4.1 binding site near the C-terminus. Proteins belonging to the protein 4.1 family crosslink spectrin and interact with other cytoskeletal proteins. Multiple transcript variants encoding different isoforms have been found for this gene. |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.                                                                                                                                                                                                                                                                                         |

### GENE INFORMATION

|                  |                                                 |
|------------------|-------------------------------------------------|
| <b>Gene Name</b> | CADM2 cell adhesion molecule 2 [ Homo sapiens ] |
|------------------|-------------------------------------------------|

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| <b>Official Symbol</b>     | CADM2                                                                                                                                                                                                                                                                                               |
| <b>Synonyms</b>            | CADM2; cell adhesion molecule 2; IGSF4D, immunoglobulin superfamily, member 4D; Necl 3; NECL3; nectin like 3; SynCAM2; nectin-like 3; nectin-like protein 3; immunoglobulin superfamily member 4D; immunoglobulin superfamily, member 4D; IGSF4D; Necl-3; synCAM2; MGC104534; MGC138341; MGC138343; |
| <b>Gene ID</b>             | 253559                                                                                                                                                                                                                                                                                              |
| <b>mRNA Refseq</b>         | NM_001167674                                                                                                                                                                                                                                                                                        |
| <b>Protein Refseq</b>      | NP_001161146                                                                                                                                                                                                                                                                                        |
| <b>MIM</b>                 | 609938                                                                                                                                                                                                                                                                                              |
| <b>UniProt ID</b>          | Q8N3J6                                                                                                                                                                                                                                                                                              |
| <b>Chromosome Location</b> | 3p12.2                                                                                                                                                                                                                                                                                              |
| <b>Pathway</b>             | Adherens junctions interactions, organism-specific biosystem; Cell junction organization, organism-specific biosystem; Cell-Cell communication, organism-specific biosystem; Cell-cell junction organization, organism-specific biosystem;                                                          |