



## Product Datasheet

<b>Product Name</b>	Cadherin-N Protein Recombinant
<b>Cata No</b>	CB501079
<b>Source</b>	<i>Escherichia Coli.</i>
<b>Synonyms</b>	Cadherin-2, Neural cadherin, N-cadherin, CD325 antigen, CDw325, CDH2, CDHN, NCAD, CD325, Cadherin-N.

### Description

Cadherins comprise a family of Ca<sup>+</sup> dependent adhesion molecules that function to mediate cell-cell binding critical to the maintenance of tissue structure and morphogenesis. The classical cadherins, E-, N- and P-cadherin, consist of large extracellular domains characterized by a series of five homologous NH<sub>2</sub> terminal repeats. The most distal of these cadherins is thought to be responsible for binding specificity, transmembrane domains and carboxy terminal intracellular domains. Cadherin-N Human Recombinant (aa 741-907) expressed in E.coli, shows a 43 kDa band on SDS-PAGE.

The Cadherin-N is purified by proprietary chromatographic techniques.

### Physical Appearance

Sterile Filtered clear solution.

### Formulation

Cadherin-Nat 100µg/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.

### Stability

Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months.

**Please prevent freeze-thaw cycles.**

### Applications

- ELISA
- Inhibition Assays
- Western Blotting