



## Product Datasheet

<b>Product Name</b>	Cadherin-E Human Recombinant
<b>Cata No</b>	CB501078
<b>Source</b>	<i>Escherichia Coli.</i>
<b>Synonyms</b>	Epithelial cadherin, E-cadherin, Uvomorulin, Cadherin-1, CAM 120/80, CD324 antigen, CDH1, CDHE, UVO, ECAD, LCAM, Arc-1, CD324, Cadherin-E.

### Description

E-cadherin (uvomorulin, cell-CAM120/80) is a calcium dependent cell adhesion molecule expressed predominately in epithelial tissues. It plays an important role in the growth and development of cells via the mechanisms of control of tissue architecture and the maintenance of tissue integrity. Numerous studies have demonstrated that reduction and/or loss of Ecadherin expression in carcinomas correlates positively with the potential of these tumors for invasion and metastasis.

Cadherin-E Human Recombinant (aa 600-707) expressed in E.coli, shows a 38 kDa band on SDS-PAGE.

The Cadherin-E is purified by proprietary chromatographic techniques.

### Physical Appearance

Sterile Filtered clear solution.

### Formulation

Cadherin-Eprotein at 2µg/20µl 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.**

### Sequence

ifccernpkpq viniidadlp pntspftael thgasanwti  
qyndptqesi ilkpkmalev gdykinlklm dnqnkdaqvt  
levsvcdceg aagvcrkaqp veaglqi

### Applications

- ELISA
- Inhibition Assays
- Western Blotting