

## 32-9120: Recombinant Human Cadherin-1/E-cadherin/CDH1 (C-His)

**Alternative Name :** Cadherin-1; CDH1; CAM 120/80; E-cadherin; CD324

### Description

Source : Human 293 Cells;

E-Cadherin is a calcium-dependent cell adhesion glycoprotein that belongs to the cadherin family. E-Cadherin is expressed in non-neural epithelial tissues. It tends to interact with each other in a homophilic manner in connecting cells. E-Cadherin clusters are critical components of adherent junctions between epithelial cells and act in the formation and maintenance of the epithelial cell barrier. E-Cadherin is involved in mechanisms regulating cell-cell adhesions, mobility and proliferation of epithelial cells and has a potent invasive suppressor role. E-Cadherin loss contributes to cancer metastasis. The extracellular E-Cadherin N-terminal domain can be cleaved by several proteases and is released as a soluble factor that enhances cancer cell motility and EGFR-dependent survival and proliferation.

### Product Info

**Amount :** 500 µg / 50 µg

**Content :** Lyophilized from a 0.2 um filtered solution of PBS, pH7.2

**Amino Acid :** Recombinant Human Cadherin-1 is produced by Human 293 Cells. The target gene encoding Q23-A709 is expressed with a 8His tag at the C-terminus.