



# Recombinant Protein Technical Manual

## Recombinant Human E-Cadherin/CDH1 Protein (His Tag)

RPES3576

### Product Data:

**Product SKU:** RPES3576

**Size:** 10µg

**Species:** Human

**Expression host:** Human Cells

**Uniprot:** A5D8W4

### Protein Information:

**Molecular Mass:** 70 kDa

**AP Molecular Mass:** 80&100 kDa

**Tag:** C-His

**Bio-activity:**

**Purity:** > 90% as determined by reducing SDS-PAGE.

**Endotoxin:** < 1.0 EU per µg as determined by the LAL method.

**Storage:** Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

**Shipping:** This product is provided as lyophilized powder which is shipped with ice packs.

**Formulation:** Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

**Reconstitution:** Please refer to the printed manual for detailed information.

**Application:**

**Synonyms:** Cadherin; CDH1;CAM 120/80;E-cadherin; CD324;CDHE;E-cad;E-Cadherin;ECAD;LCAM;UVO;Arc

## Immunogen Information:

**Sequence:** Gln23-Phe647

## Background:

Cdh1 is one of the substrate adaptor protein of the anaphase-promoting complex (APC) in the budding yeast *Saccharomyces cerevisiae*. Functioning as an activator of the APC/C, Cdh1 regulates the activity and substrate specificity of this ubiquitin E3-ligase.