

Product datasheet for **TP724665**

E Cadherin (CDH1) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Cadherin-1/E-cadherin/CDH1 (C-His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Q23-A709
Tag:	C-8His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH7.2
Note:	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.
Stability:	12 months from date of despatch
Locus ID:	999
UniProt ID:	P12830
Summary:	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.



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