

Datasheet for ABIN5709259

## E-cadherin Protein (AA 155-707, partial) (His tag)



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### 1 Image

#### Overview

|                               |                                                   |
|-------------------------------|---------------------------------------------------|
| Quantity:                     | 100 µg                                            |
| Target:                       | E-cadherin (CDH1)                                 |
| Protein Characteristics:      | partial, AA 155-707                               |
| Origin:                       | Human                                             |
| Source:                       | Escherichia coli (E. coli)                        |
| Protein Type:                 | Recombinant                                       |
| Purification tag / Conjugate: | This E-cadherin protein is labelled with His tag. |
| Application:                  | SDS-PAGE (SDS)                                    |

#### Product Details

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence:     | DWVIPPISCP ENKGPFPKN LVQIKSNKDK EGKVFYSITG QGADTPPVG VFIERETGWL<br>KVTEPLDRER IATYTLFSHA VSSNGNAVED PMEILITVD QNDNKPEFTQ EVFKGSVM EG<br>ALPGTSVMEV TATDADDDVN TYNAAIAYTI LSQDPELPDK NMFTINRNTG VISVTTGLD<br>RESFPTYTLV VQAADLQEGE LSTTATAVIT VTDNDNPPI FNPTTYKGQV PENEANVVIT<br>TLKVTDADAP NTPAWEAVYT ILNDDGGQFV VTTNPVNNDG ILKTAKGLDF EAKQQYILHV<br>AVTNVVPFEV SLTTSTATVT VDVLDVNEAP IFVPEKRV E VSEDFGVGQE ITSYTAQEPD<br>TFMEQKITYR IWRDTANWLE INPDTGAIST RAELDREDFE HVKNSTYTAL IATDNGSPV<br>ATGTGTLILLI LSDVNDNAPI PEPRTIFFCE RNPKPQVINI IDADLPNTS PFTAELTHGA<br>SANWTIQYND PTQESIILKP KMALEVGDYK INLKLMDNQN KDQVTTLEVS VCDCEGAAGV<br>CRKAQPVEAG LQI |
| Purification: | SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Purity:       | > 90 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | E-cadherin (CDH1)                                                                                                                                                                                                                                                                                                                                                                                                            |
| Alternative Name: | CADH1 ( <a href="#">CDH1 Products</a> )                                                                                                                                                                                                                                                                                                                                                                                      |
| Background:       | Cadherins are calcium-dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells, cadherins may thus contribute to the sorting of heterogeneous cell types. CDH1 is involved in mechanisms regulating cell-cell adhesions, mobility and proliferation of epithelial cells. Has a potent invasive suppressor role. It is a ligand for integrin alpha-E/beta-7. |
| Molecular Weight: | 64.42 kDa                                                                                                                                                                                                                                                                                                                                                                                                                    |
| UniProt:          | <a href="#">P12830</a>                                                                                                                                                                                                                                                                                                                                                                                                       |
| Pathways:         | <a href="#">WNT Signaling</a> , <a href="#">Sensory Perception of Sound</a> , <a href="#">Cell-Cell Junction Organization</a> , <a href="#">Tube Formation</a>                                                                                                                                                                                                                                                               |

## Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions:      | For Research Use only                                              |

## Handling

|                  |                                                                                                                                                                       |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:          | Liquid                                                                                                                                                                |
| Concentration:   | 0.1-2 mg/mL                                                                                                                                                           |
| Buffer:          | 20 mM Tris-HCl based buffer, pH 8.0                                                                                                                                   |
| Storage:         | -80 °C, 4 °C, -20 °C                                                                                                                                                  |
| Storage Comment: | Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |



**SDS-PAGE**

**Image 1.**