

Datasheet for ABIN7597369

## CDH6 Protein (AA 160-268) (Fc Tag)



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### Overview

|                               |                                            |
|-------------------------------|--------------------------------------------|
| Quantity:                     | 10 µg                                      |
| Target:                       | CDH6                                       |
| Protein Characteristics:      | AA 160-268                                 |
| Origin:                       | Human                                      |
| Source:                       | HEK-293 Cells                              |
| Protein Type:                 | Recombinant                                |
| Purification tag / Conjugate: | This CDH6 protein is labelled with Fc Tag. |

### Product Details

|           |                                                                                                       |
|-----------|-------------------------------------------------------------------------------------------------------|
| Purpose:  | Recombinant human CDH6(160-268) Protein with C-terminal human Fc tag                                  |
| Sequence: | CDH6(Thr160-Phe268) hFc(Glu99-Ala330)                                                                 |
| Purity:   | The purity of the protein is greater than 90 % as determined by SDS-PAGE and Coomassie blue staining. |

### Target Details

|                   |                                                                                                                                                                                                                                                                                              |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | CDH6                                                                                                                                                                                                                                                                                         |
| Alternative Name: | CDH6 ( <a href="#">CDH6 Products</a> )                                                                                                                                                                                                                                                       |
| Background:       | <p>CAD6, KCAD</p> <p>This gene encodes a member of the cadherin superfamily. Cadherins are membrane glycoproteins that mediate homophilic cell-cell adhesion and play critical roles in cell differentiation and morphogenesis. The encoded protein is a type II cadherin and may play a</p> |

## Target Details

|                   |                                                                                                                                                                                                |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                   | role in kidney development as well as endometrium and placenta formation. Decreased expression of this gene may be associated with tumor growth and metastasis. [provided by RefSeq, May 2011] |
| Molecular Weight: | predicted molecular mass of 38.0 kDa after removal of the signal peptide.                                                                                                                      |
| UniProt:          | <a href="#">P55285</a>                                                                                                                                                                         |
| Pathways:         | <a href="#">Cell-Cell Junction Organization</a>                                                                                                                                                |

## Application Details

|                    |                                                                                                                                                                                                                                                                                                                                 |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Extracellular Domain Proteins (ECD) can be used as: <ul style="list-style-type: none"><li>• Immunogens for antibody drug development</li><li>• Reagents used for CAR-T positive cell monitoring</li><li>• Reagents for antibody screening and functional testing</li><li>• Reagents for antibody affinity measurement</li></ul> |
| Comment:           | The protein was made using HEK293 mammalian cell secretion expression system to ensure the close-to-native structures and post-translational modifications of the target protein.                                                                                                                                               |
| Restrictions:      | For Research Use only                                                                                                                                                                                                                                                                                                           |

## Handling

|                  |                                                                                                                                                                                                                                                        |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:          | Lyophilized                                                                                                                                                                                                                                            |
| Buffer:          | Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization.                                                                                                                                       |
| Storage:         | -20 °C,-80 °C                                                                                                                                                                                                                                          |
| Storage Comment: | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).<br>Lyophilized proteins are shipped at ambient temperature. |
| Expiry Date:     | 12 months                                                                                                                                                                                                                                              |