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## Datasheet for ABIN7318296 CEACAM3 Protein (His tag)

### Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 50 µg  |
| Target:                       | CEACAM3  |
| Origin:                       | Human  |
| Source:                       | Human Cells                                    |
| Protein Type:                 | Recombinant                                    |
| Purification tag / Conjugate: | This CEACAM3 protein is labelled with His tag. |

### Product Details

|                  |  |
|------------------|--|
| Purpose:         | Recombinant Human CEACAM3/CD66d Protein (His Tag)  |
| Sequence:        | Lys35-Gly155   |
| Characteristics: | Recombinant Human Carcinoembryonic Antigen-Related Cell Adhesion Molecule 3 is produced by our Mammalian expression system and the target gene encoding Lys35-Gly155 is expressed with a 6His tag at the C-terminus. |
| Purity:          | > 95 % as determined by reducing SDS-PAGE.   |
| Endotoxin Level: | < 1.0 EU per µg as determined by the LAL method.   |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | CEACAM3  |
| Alternative Name: | CEACAM3/CD66d ( <a href="#">CEACAM3 Products</a> )   |
| Background:       | Background: Carcinoembryonic Antigen-Related Cell Adhesion Molecule 3 (CEACAM3) belongs to the immunoglobulin superfamily and CEA family. CEACAM3 was originally described in bile |

## Target Details

ducts of liver as biliary glycoprotein. Subsequently, it was found to be a cell-cell adhesion molecule detected on leukocytes, epithelia, and endothelia. CEACAM3 mediates cell adhesion via homophilic as well as heterophilic binding to other proteins of the subgroup. In addition, it is associated with the differentiation and arrangement of tissue three-dimensional structure, angiogenesis, apoptosis, tumor suppression, metastasis, and the modulation of innate and adaptive immune responses.

Synonym: Carcinoembryonic Antigen-Related Cell Adhesion Molecule 3, Carcinoembryonic Antigen CGM1, CD66d, CEACAM3, CD66D,CEA,MGC119875,W264,W282

Molecular Weight: 14.1 kDa

UniProt: [P40198](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

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

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.