

Datasheet for ABIN7491119

CEACAM5 Protein (AA 35-947) (His tag)[Go to Product page](#)**1** Image

Overview

| | |
|-------------------------------|------------------------------------------------|
| Quantity: | 100 µg |
| Target: | CEACAM5 |
| Protein Characteristics: | AA 35-947 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This CEACAM5 protein is labelled with His tag. |

Product Details

| | |
|------------------|-------------------------------------------------------------------------------------------------------|
| Purpose: | Recombinant mouse CEACAM5 protein with C-terminal 6xHis tag |
| Specificity: | Mouse CEACAM5 (Gln35-Glu947) 6xHis tag |
| Characteristics: | Extracellular Domain Protein |
| Purification: | Purified from cell culture supernatant by affinity chromatography |
| Purity: | The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining. |

Target Details

| | |
|-------------------|-------------------------------------------------------------------------------------------------|
| Target: | CEACAM5 |
| Alternative Name: | CEACAM5 (CEACAM5 Products) |
| Background: | Cell surface glycoprotein that plays a role in cell adhesion, intracellular signaling and tumor |

Target Details

progression. Mediates homophilic and heterophilic cell adhesion with other carcinoembryonic antigen-related cell adhesion molecules, such as CEACAM6. Plays a role as an oncogene by promoting tumor progression, induces resistance to anoikis of colorectal carcinoma cells.[UniProtKB/Swiss-Prot Function]

| | |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular Weight: | predicted molecular mass of 103.4kDa after removal of the signal peptide. The apparent molecular mass of mCEACAM5-His is 130-180 kDa due to glycosylation. |
| UniProt: | Q3UUK2 |

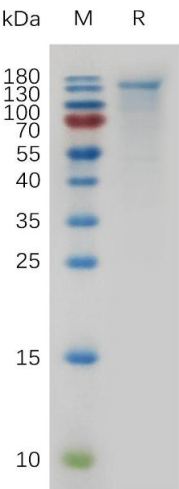
Application Details

| | |
|---------------|-----------------------|
| 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). Lyophilized proteins are shipped at ambient temperature. |
| Expiry Date: | 12 months |

Images



SDS-PAGE

Image 1. Mouse CEA Protein, His Tag on SDS-PAGE under reducing condition.