

# Active Recombinant Human CEACAM5 protein, Llama IgG Fc-tagged

**Cat. No.** CEACAM5-1904H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human CEACAM5 protein(NP_004354.3)(Pro 593 - Ser 675), fused with Llama IgG Fc tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Pro 593 - Ser 675
<b>Form</b>	PBS, pH7.4
<b>Bio-activity</b>	Immobilized Human CEACAM-5, Llama IgG2b Fc Tag at 1 µg/mL (100 µL/well) can bind Anti-CEACAM-5 (labetuzumab) Antibody, Human IgG1 with a linear range of 0.01-0.313 µg/mL.
<b>Molecular Mass</b>	36.7 kDa
<b>Endotoxin</b>	Less than 0.01 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Storage</b>	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles.

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This product is stable after storage at:  
 -20°C to -70°C for 12 months in lyophilized state;  
 -70°C for 3 months under sterile conditions after reconstitution.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name**

CEACAM5 carcinoembryonic antigen-related cell adhesion molecule 5 [ Homo sapiens ]

**Official Symbol**

CEACAM5

**Synonyms**

CEACAM5; carcinoembryonic antigen-related cell adhesion molecule 5; CEA; CD66e; meconium antigen 100; DKFZp781M2392;

**Gene ID**

1048

**mRNA Refseq**

NM\_004363

**Protein Refseq**

NP\_004354

**MIM**

114890

**UniProt ID**

P06731

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