



### Synonym

CEACAM-5, CD66e, CEA, Meconium antigen 100

### Source

Cynomolgus CEACAM-5 Protein, Llama IgG2b Fc Tag(CE5-C5257) is expressed from human 293 cells (HEK293). It contains AA Pro 593 - Ser 675 (Accession # [XP\\_005589491.2](#)).

Predicted N-terminus: Pro 593

### Molecular Characterization

CEACAM-5(Pro 593 - Ser 675) XP_005589491.2	LlamaFc(Glu 1 - Ser 243) AAX73259.1
---	--

This protein carries a llama IgG2b Fc tag at the C-terminus.

The protein has a calculated MW of 36.8 kDa. The protein migrates as 53-60 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

### Endotoxin

Less than 0.01 EU per µg by the LAL method / rFC method.

### Purity

>90% as determined by SDS-PAGE.

>95% as determined by SEC-MALS.

### Formulation

Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.

Contact us for customized product form or formulation.

### Reconstitution

Please see Certificate of Analysis for specific instructions.

*For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.*

### Storage

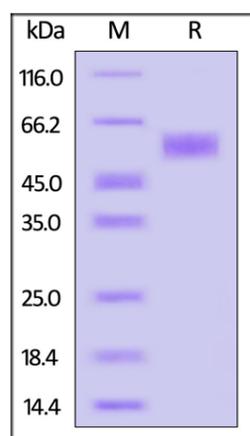
For long term storage, the product should be stored at lyophilized state at -20°C or lower.

*Please avoid repeated freeze-thaw cycles.*

This product is stable after storage at:

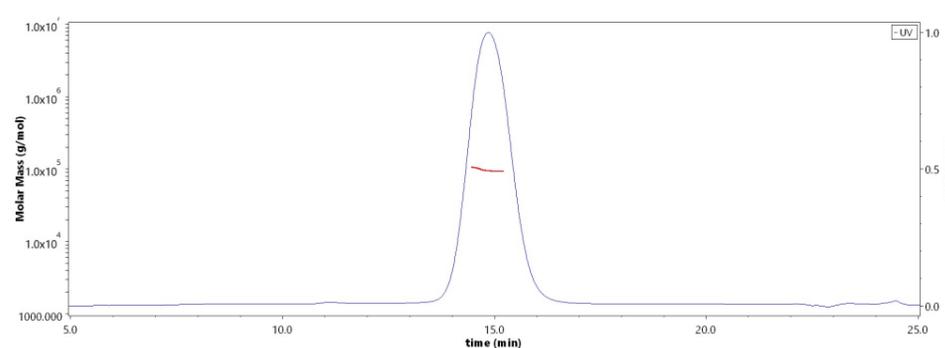
- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

### SDS-PAGE



Cynomolgus CEACAM-5 Protein, Llama IgG2b Fc Tag on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%.

### SEC-MALS



The purity of Cynomolgus CEACAM-5 Protein, Llama IgG2b Fc Tag (Cat. No. CE5-C5257) is more than 95% and the molecular weight of this protein is around 90-110 kDa verified by SEC-MALS.

[Report](#)

### Background

Carcinoembryonic antigen-related cell adhesion molecule 5 (CEACAM5) is also Carcinoembryonic antigen (CEA), Meconium antigen 100, CD antigen CD66e, CEACAM5 belongs to the immunoglobulin superfamily and CEA family. CEACAM5 contains seven Ig-like (immunoglobulin-like) domains. CEACAM5 is

Discounts, Gifts,  
and more!



# Cynomolgus CEACAM-5 / CD66e Protein, Llama IgG2b Fc Tag, low endotoxin (MALS verified)

Catalog # CE5-C5257



homodimer protein which binding of E.coli Dr adhesins leads to dissociation of the homodimer. CEACAM5 is cell surface glycoprotein that plays a role in cell adhesion and in intracellular signaling. CEACAM5 is receptor for E.coli Dr adhesins.

Discounts, Gifts,  
and more!



[www.acrobiosystems.com](http://www.acrobiosystems.com)