

Synonym

CA125,CA-125,CA125MUC-16,FLJ14303,MUC16,mucin 16,mucin-16

Source

Cynomolgus CA125 Protein, His Tag(CA5-C52H8) is expressed from human 293 cells (HEK293). It contains AA Pro 11544 - Pro 12188 (Accession # [XP_045234963.1](#)).

Predicted N-terminus: Pro 11544

Molecular Characterization

CA125(Pro 11544 - Pro 12188)
XP_045234963.1

Poly-his

This protein carries a polyhistidine tag at the C-terminus.

The protein has a calculated MW of 73.9 kDa. The protein migrates as 95-120 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Endotoxin

Less than 1.0 EU per µg by the LAL method / rFC method.

Purity

>90% as determined by SDS-PAGE.

>90% 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

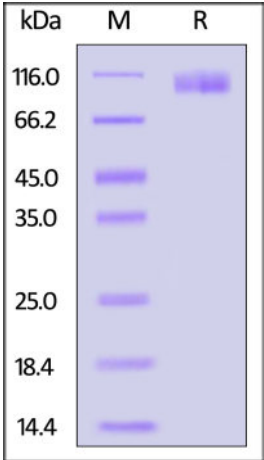
For long term storage, the product should be stored at lyophilized state at -20°C or lower.

Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

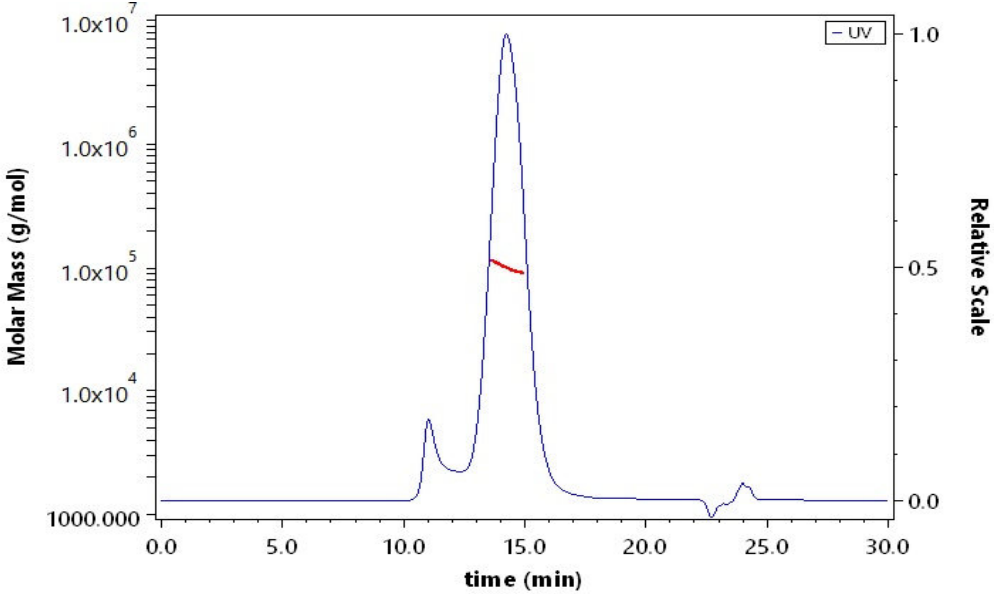
- 20°C to -70°C for 12 months in lyophilized state;
- 70°C for 3 months under sterile conditions after reconstitution.

SDS-PAGE



Cynomolgus CA125 Protein, His 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 CA125 Protein, His Tag (Cat. No. CA5-C52H8) is more than 90% and the molecular weight of this protein is around 90-115 kDa verified by SEC-MALS.

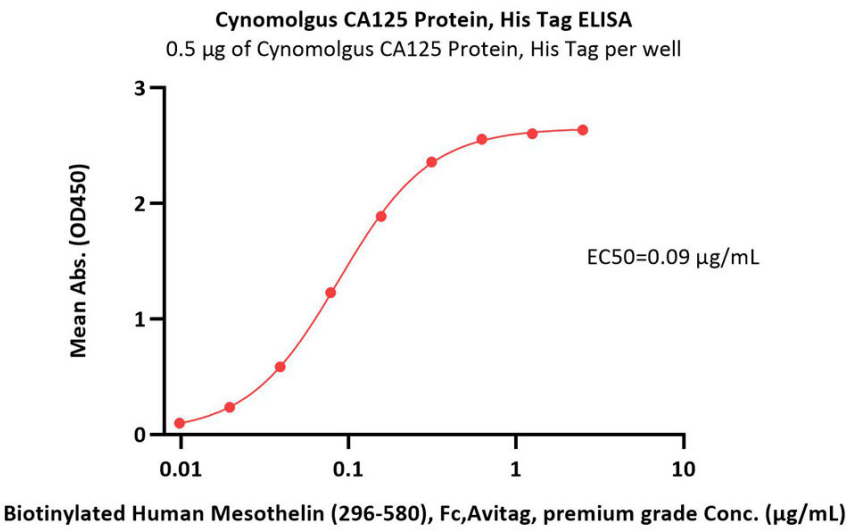
[Report](#)

Bioactivity-ELISA



Cynomolgus CA125 / MUC16 Protein, His Tag (MALS verified)

Catalog # CA5-C52H8



Immobilized Cynomolgus CA125 Protein, His Tag (Cat. No. CA5-C52H8) at 5 µg/mL (100 µL/well) can bind Biotinylated Human Mesothelin (296-580), Fc,Avitag, premium grade (Cat. No. MSN-H82F6) with a linear range of 0.01-0.313 µg/mL (QC tested).

