



Synonym

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

Source

Mouse CA125 Protein, His Tag (CA5-M52H6) is expressed from human 293 cells (HEK293). It contains AA Asn 7750 - Pro 8422 (Accession # [A0A140LJ72-1](#)).

Predicted N-terminus: Asn 7750

Molecular Characterization

CA125(Asn 7750 - Pro 8422)	Poly-his
A0A140LJ72-1	

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

The protein has a calculated MW of 76.7 kDa.

Endotoxin

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

Purity

>90% as determined by SEC-MALS.

Formulation

Lyophilized from 0.22 μ m 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

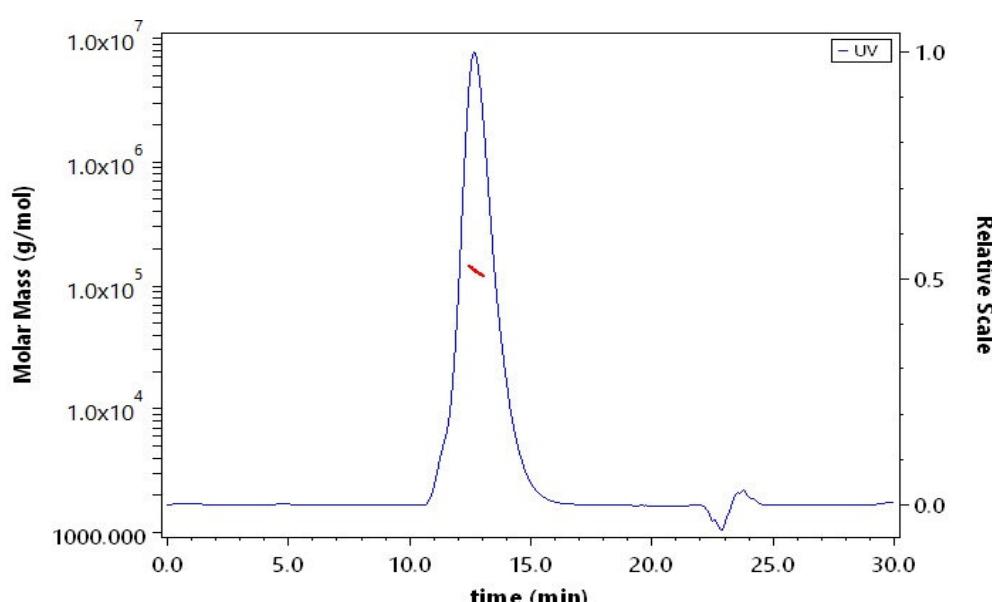
For long term storage, the product should be stored at lyophilized state at -20°C or lower.

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.

SEC-MALS



The purity of Mouse CA125 Protein, His Tag (Cat. No. CA5-M52H6) is more than 90% and the molecular weight of this protein is around 120-140 kDa verified by SEC-MALS.

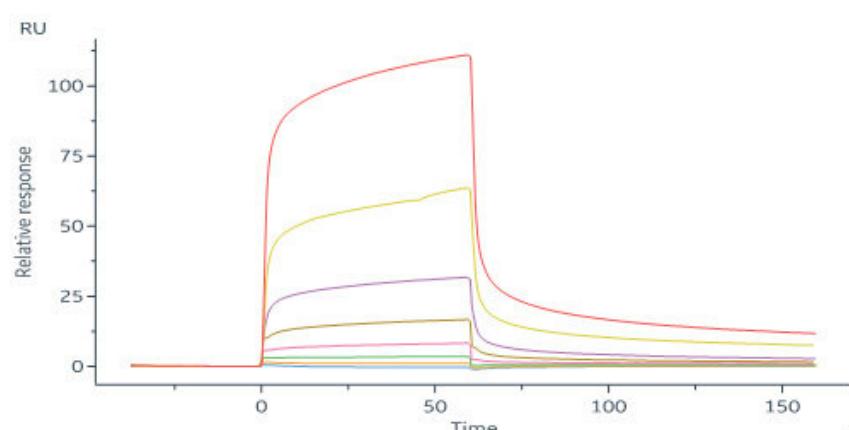
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Biotinylated Mouse Mesothelin, His,Avitag (Cat. No. MSN-M82E7) immobilized on CM5 Chip can bind Mouse CA125 Protein, His Tag (Cat. No. CA5-M52H6) with an affinity constant of $16.4 \mu\text{M}$ as determined in a SPR assay (Biacore 8K) (Routinely tested).

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