

RP02037LQ

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# Recombinant Human MUC16/CA125 Protein

Catalog No.: RP02037LQ

Recombinant

## Sequence Information

Species	Gene ID	Swiss Prot
Human	94025	Q8WXI7

### Tags

Supplied as 0.22um filtered solution in PBS, pH 7.4. Contact us for customized product form or formulation.

### Synonyms

CA125

## Product Information

Source	Purification
Mammalian	> 95% by SDS-PAGE.

### Endotoxin

< 0.1 EU/μg of the protein by LAL method.

### Formulation

Supplied as 0.22um filtered solution in PBS, pH 7.4. Contact us for customized product form or formulation.

### Reconstitution

## Background

MUC16, also known as the CA125 antigen, is a mucin protein that may be found in type I transmembrane or secreted forms that are used monitor the progress of epithelial ovarian cancer therapy. Thought to provide a protective, lubricating barrier against particles and infectious agents at mucosal surfaces. Binding to MSLN mediates heterotypic cell adhesion. This may contribute to the metastasis of ovarian cancer to the peritoneum by initiating cell attachment to the mesothelial epithelium via binding to MSLN.

## Basic Information

### Description

### Bio-Activity

Immobilized Human CA125 at 5ug/mL (100μL/well), dose response curve for Human MSLN, Fc Tag with the EC<sub>50</sub> of 0.7ug/mL determined by ELISA.

### Storage

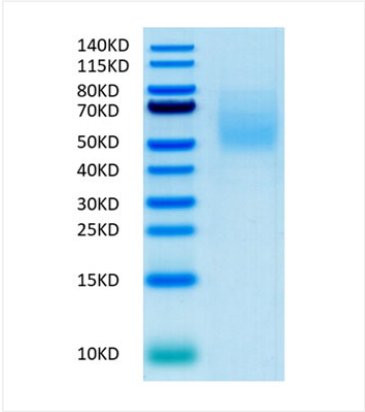
This product is stable at ≤ -70° C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze/thaw cycles.

## Contact

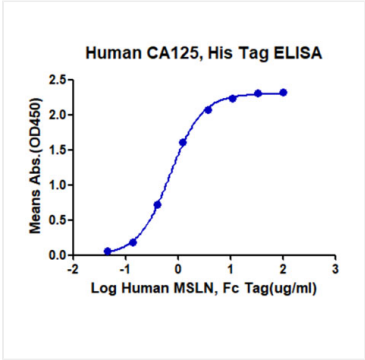


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Validation Data



Recombinant Human MUC16/CA125 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 50-80 kDa.



Immobilized Human CA125 at 5ug/mL (100μL/well), dose response curve for Human MSLN, Fc Tag with the EC<sub>50</sub> of 0.7ug/mL determined by ELISA.