

## MUC-16/CA125 active protein

Active Recombinant Human MUC-16/CA125 Protein

|                               |                             |
|-------------------------------|-----------------------------|
| CATALOG #<br><b>AAA282525</b> | HOST<br><b>HEK293 cells</b> |
|-------------------------------|-----------------------------|

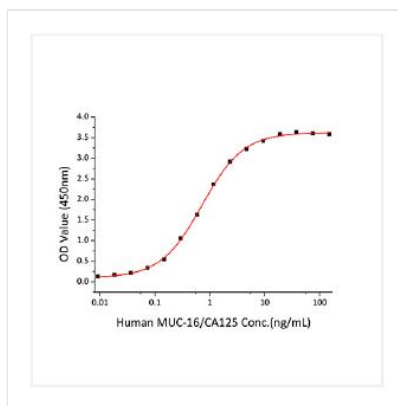
### PRODUCT SYNONYMS

MUC-16/CA125; Active Recombinant Human MUC-16/CA125 Protein; CA125; MUC16; mucin-16; MUC-16/CA125 active protein

### PRODUCT SPECIFICATIONS

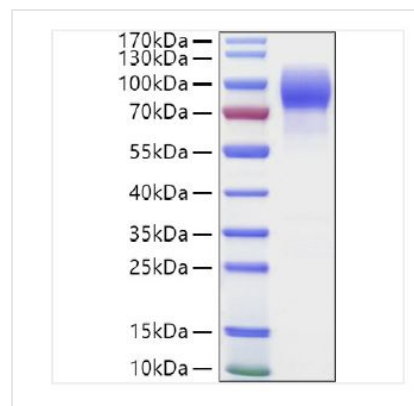
|                         |                                                                                                                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | HEK293 cells                                                                                                                                                                                                                                  |
| Purity/Purification     | > 95% by SDS-PAGE.                                                                                                                                                                                                                            |
| Form/Format             | Liquid<br>Lyophilized from a 0.22 um filtered solution of PBS, pH 7.4.                                                                                                                                                                        |
| Species                 | Human                                                                                                                                                                                                                                         |
| Tag                     | C-hFc&Avi                                                                                                                                                                                                                                     |
| Preparation and Storage | Store the lyophilized protein at -20 to -80 degree C for 12 months. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week. Avoid repeated freeze/thaw cycles.<br>Ship: Ice Pack |

### IMAGES



#### Application Data

Immobilized Mouse Mesothelin/MSLN at 2 ug/mL (100 uL/well) can bind Human CA125 with a linear range of 0.01-0.72 ng/mL.



#### SDS-PAGE

Recombinant Human MUC-16/CA125 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 80-110kDa.

### ADDITIONAL INFORMATION

|                                                             |                                                                                                                                                                                                                                                          |
|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for MUC-16/CA125 active protein | Active Recombinant Human MUC-16/CA125 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gly12660-Met12923) of human CA125/MUC16 (Accession #NP_078966.2) fused with a Fc, Avi tag at the C-terminus. |
| Product Categories/Family for MUC-16/CA125 active protein   | <a href="#">Other Recombinant Protein</a>                                                                                                                                                                                                                |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 83367077                                                                                                                           |
| NCBI GeneID                      | 94025                                                                                                                              |
| NCBI Accession #                 | NP_078966.2                                                                                                                        |
| NCBI GenBank Nucleotide #        | NM_024690.2                                                                                                                        |
| UniProt Accession #              | Q8WXI7; Q6ZQW5; Q96RK2                                                                                                             |
| Molecular Weight                 | 2,353,428 Da                                                                                                                       |
| NCBI Official Full Name          | mucin-16                                                                                                                           |
| NCBI Official Synonym Full Names | mucin 16, cell surface associated                                                                                                  |
| NCBI Official Symbol             | MUC16                                                                                                                              |
| NCBI Official Synonym Symbols    | CA125                                                                                                                              |
| NCBI Protein Information         | mucin-16; CA-125; MUC-16; CA125 ovarian cancer antigen; ovarian carcinoma antigen CA125; ovarian cancer-related tumor marker CA125 |
| UniProt Protein Name             | Mucin-16                                                                                                                           |
| UniProt Gene Name                | <b>MUC16</b>                                                                                                                       |
| UniProt Synonym Gene Names       | CA125; MUC-16; CA-125                                                                                                              |
| UniProt Entry Name               | MUC16_HUMAN                                                                                                                        |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/hek293-active-protein/muc-16-ca125/282525>