

CA125/MUC16 recombinant protein

Biotinylated Human CA125/MUC16 Protein Recombinant

CATALOG #	HOST
AAA76314	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

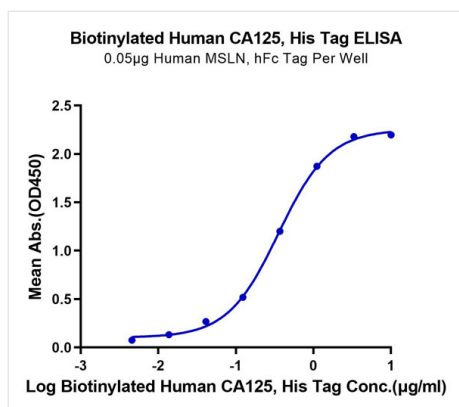
PRODUCT SYNONYMS

CA125/MUC16; Biotinylated Human CA125/MUC16 Protein Recombinant; CA125/MUC16 recombinant protein

PRODUCT SPECIFICATIONS

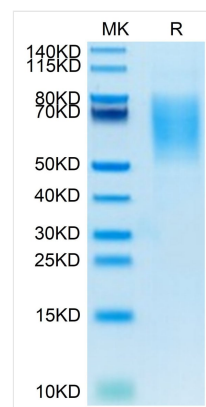
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human MSLN/Mesothelin was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human CA125/MUC16 including a C-His-Avi tag was expressed in HEK293 Cells. The recombinant protein was then biotinylated site specific using the AVItag biotinylation technology.
Endotoxin	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
Reconstitution	Centrifuge vial to ensure maximal product extraction, recommended: 20sec, 5K RPM
Preparation and Storage	The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C.

IMAGES



ELISA

Biotinylated Human CA125/MUC16 Protein ELISA Data: Immobilized Human MSLN, hFc Tag at 0.5 µg/ml (100 µl/well) on the plate. Dose response curve for Biotinylated Human CA125, His Tag with the EC50 of 0.35 µg/ml determined by ELISA.



Tris-Bis-PAGE

Biotinylated Human CA125/MUC16 Protein Tris-Bis PAGE: Biotinylated Human CA125 on Tris-Bis PAGE under reduced conditions. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for
CA125/MUC16 recombinant protein

[Biotinylated proteins](#)

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	MUC16
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.

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Online datasheet: <https://stage.aaabiotech.com/muc16-recombinant-protein-hek293-cells/76314>