

## Recombinant Human MUC16 protein, His-Avi-tagged, Biotinylated

**Cat. No.** MUC16-030H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human MUC16 protein(Q8WXI7)(Gly12660-Met12923), fused with C-terminal His and Avi tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Gly12660-Met12923
<b>Tag</b>	C-His-Avi
<b>Conjugation/Label</b>	Biotin
<b>Form</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Human MSLN, hFc Tag at 5ug/ml (100ul/well) on the plate. Dose response curve for Biotinylated Human CA125, His Tag with the EC50 of 0.1ug/ml determined by ELISA.
<b>Molecular Mass</b>	The protein has a predicted MW of 31.3 kDa. Due to glycosylation, the protein migrates to 52-80 kDa based on Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.

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<b>Purity</b>	> 95% as determined by Tris-Bis PAGE
<b>Storage</b>	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>Conjugation</b>	Biotin

## GENE INFORMATION

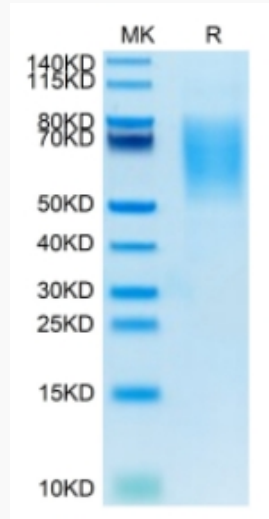
<b>Gene Name</b>	MUC16 mucin 16, cell surface associated [ Homo sapiens ]
<b>Official Symbol</b>	MUC16
<b>Synonyms</b>	MUC16; mucin 16, cell surface associated; mucin-16; CA125; FLJ14303; CA-125; MUC-16; CA125 ovarian cancer antigen; ovarian carcinoma antigen CA125; ovarian cancer-related tumor marker CA125;
<b>Gene ID</b>	94025
<b>mRNA Refseq</b>	NM_024690
<b>Protein Refseq</b>	NP_078966
<b>MIM</b>	606154
<b>UniProt ID</b>	Q8WXI7

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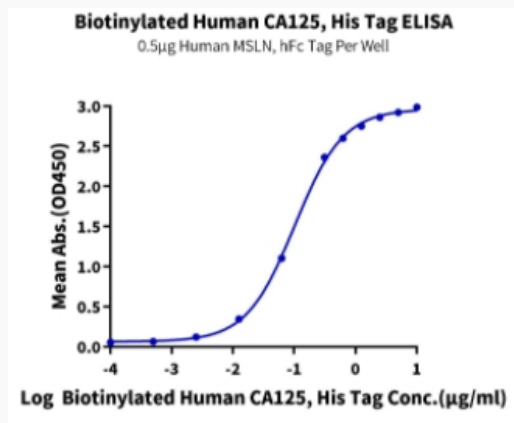
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**Tris-Bis PAGE**



**ELISA Data**



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