

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

Cat. No. MUC16-1343H Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human MUC16 protein(Q8WXI7)(Asp12783-Ser13467), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Asp12783-Ser13467
Tag	C-His-Avi
Conjugation/Label	Biotin
Form	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human MSLN, hFc Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human CA125, His Tag with the EC50 of 16.5ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 77.98 kDa. Due to glycosylation, the protein migrates to 90-140 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.

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Purity	> 95% as determined by Tris-Bis PAGE..
Storage	Valid for 12 months from date of receipt when stored at -80°C.;Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
Conjugation	Biotin

GENE INFORMATION

Gene Name	MUC16 mucin 16, cell surface associated [Homo sapiens]
Official Symbol	MUC16
Synonyms	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;
Gene ID	94025
mRNA Refseq	NM_024690
Protein Refseq	NP_078966
MIM	606154
UniProt ID	Q8WXI7

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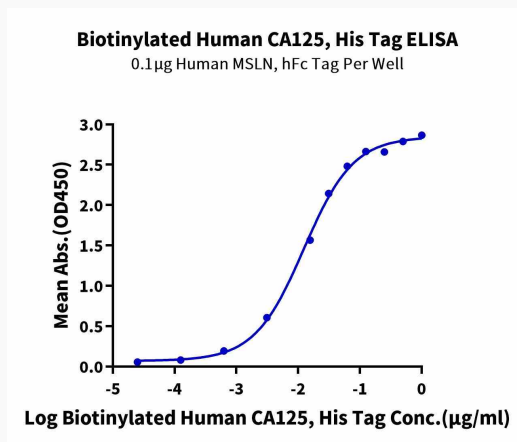
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Tris-Bis PAGE



ELISA



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