

Recombinant Human MUC16 protein, His-Avi-tagged

Cat. No. MUC16-437H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MUC16 protein(Q8WXI7)(Gly12660-Met12923), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gly12660-Met12923
Tag	C-His-Avi
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human CA125, His Tag at 5µg/ml (100µl/Well) on the plate. Dose response curve for Human MSLN, hFc Tag with the EC50 of 1.13µg/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 31.3 kDa. Due to glycosylation, the protein migrates to 50-80 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

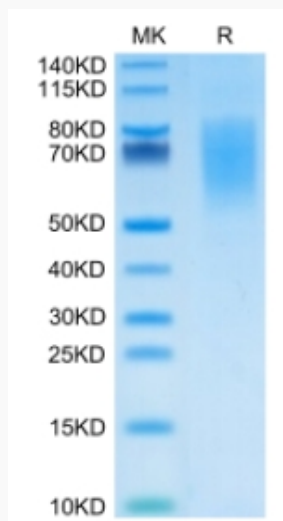
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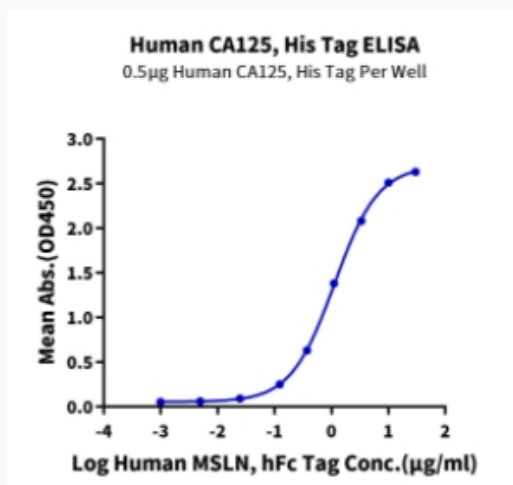
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Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
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

Tris-Bis PAGE



ELISA Data



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