

Active Recombinant Human MUC16 protein, His-Avi-tagged, Low Endotoxin

Cat. No. MUC16-200H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MUC16 protein(Q8WXI7)(12660-12923 aa), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	12660-12923 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% 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 55-70 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution 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

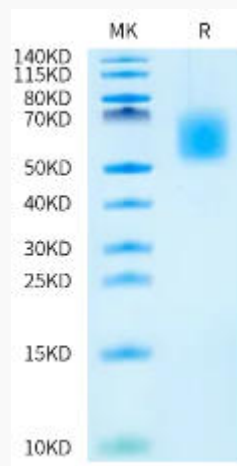
UniProt ID Q8WXI7

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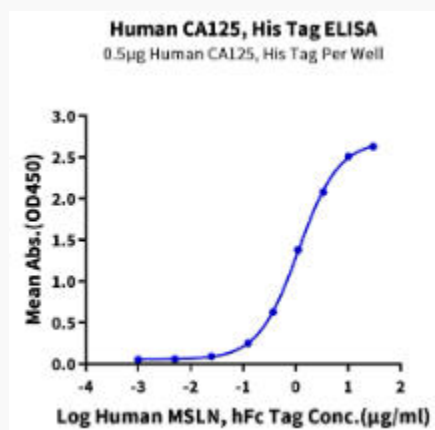
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Bis-Tris PAGE



ELISA Data



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