

Recombinant Human MUC16 protein(Asp12783-Ser13467), His-tagged

Cat. No. MUC16-10H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MUC16 protein(Asp12783-Ser13467)(Q8WXI7) is expressed from HEK293 with His tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	12660-12923 a.a.
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 1µg/ml (100µl/well) on the plate. Dose response curve for Human MSLN, hFc Tag with the EC50 of 7.8ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 76.17 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.
Purity	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

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Storage

-20 to -80°C for 12 months as supplied from date of receipt.
 -80°C for 3-6 months after reconstitution.
 2-8°C for 2-7 days after reconstitution.
 Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution

Centrifuge the tube 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

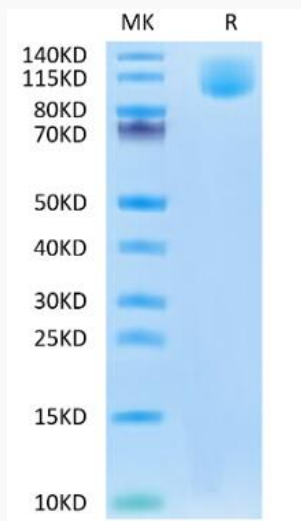
UniProt ID Q8WXI7

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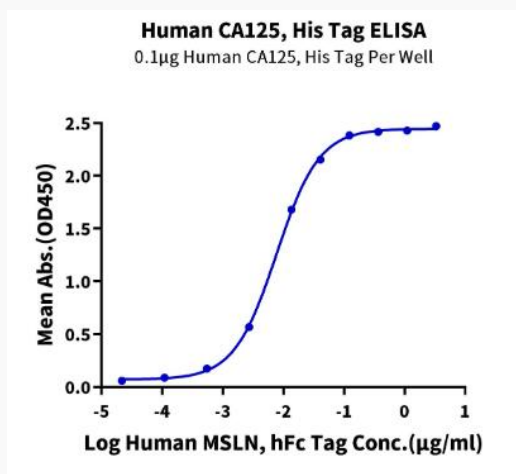
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Tris-Bis PAGE



ELISA Data



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