

Active Recombinant Human MUC16 protein, His-tagged

Cat. No. MUC16-0273H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MUC16 protein(Pro13810-Pro14451), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	13810-14451 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Immobilized Recombinant Human MSLN / Mesothelin Protein at 2 µg/ml (100 µl/well) can bind Recombinant Human CA125 Protein (ECD, His Tag), the EC50 is 6-18 ng/mL.
Molecular Mass	The recombinant human MUC16 consists of 653 amino acids and predicts a molecular mass of 73.27 kDa. It migrates as an approximately 101.25 kDa band in SDS-PAGE under reducing conditions.
Proteinlength	Pro13810-Pro14451
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.

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Purity	> 95 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid 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.

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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