

Recombinant Human MUC16 protein, His-tagged

Cat. No. MUC16-9382H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MUC16(aa 12055-12535) fused with His tag was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	12055-12535 a.a.
Description	CA-125 is a tumor marker has been shown to be elevated in the blood of some patients with specific types of cancers, or other benign conditions. CA-125 is best known for its role as a biomarker for ovarian but elevated levels have also been associated with endometrial, fallopian tube, lung, breast, and gastrointestinal cancer. CA-125 also known as mucin 16 or MUC16 is a protein that in humans is encoded by the MUC16 gene. MUC16 is a member of the mucin family glycoproteins.
Form	Liquid. In 1X PBS.
Molecular Mass	~75 kDa
Purity	≥90% (SDS-PAGE)
Applications	WB; in vitro Assay
Storage	Short Term Storage: +4 centigrade; Long Term Storage: -20 centigrade. Avoid

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

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

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freeze/thaw cycles.

Reconstitution Soluble in 1X PBS or 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

Chromosome Location 19p13.2

Pathway Metabolism of proteins, organism-specific biosystem; O-linked glycosylation of mucins, organism-specific biosystem; Post-translational protein modification, organism-specific biosystem; Termination of O-glycan biosynthesis, organism-specific biosystem;

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Function

protein binding;

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