

Recombinant human MUC16 Protein, C-His-Avi (HEK293)

Catalog Number: bs-43121P

Concentration: >0.5mg/ml

AA Seq: 12660-12923/14507

Predicted MW: 31.2

Detected MW: 40-70 kDa

Tags: C-His-Avi

Activity: Not tested

Endotoxin: Not analyzed

Purity: > 90% as determined by SDS-PAGE

Purification: AC

Form: Lyophilized or Liquid

Storage: PBS (pH7.4).

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: MUC16 (CA125) is a serum marker that is used routinely in gynecologic practice to monitor patients with ovarian cancer. It is a mullerian duct differentiation antigen that is overexpressed in epithelial ovarian cancer cells and secreted into the blood, although its expression is not entirely confined to ovarian cancer. Most biochemical studies have concluded that MUC16 is a high molecular mass glycoprotein, although estimates of its size range from 200 to 2000 kDa with smaller “subunits” being described by some investigators.

VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.

PRODUCT SPECIFIC PUBLICATIONS

[IF=7.4] Cuicui Fang. et al. SERS–Temperature Dual-Mode T-type Lateral Flow Strip for Accurate Detection of Free and Total Prostate-Specific Antigens in Blood. ANAL CHEM. 2024;XXXX(XXX):XXX-XXX Other ; . 38176009

[IF=7.4] Xuwen Gao. et al. Silver Nanocluster-Tagged Electrochemiluminescence Immunoassay with a Sole and Narrow Triggering Potential Window. ANAL CHEM. 2024;96(4):1700–1706 Other ; . 38235596

[IF=3.532] Yulong Ju. et al. Label-free fluorescent aptasensor based on AIE effect and CoOOH for ultrasensitive determination of carcinoembryonic antigen. ANAL METHODS-UK. 2022 Oct;; Other ; Other . 36341556