

Active Recombinant Human MUC16 Protein, His-tagged

Cat. No. MUC16-42H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CA125/MUC16 protein Met13360-Gln14347 (Met13472Thr & Gln13957Lys) protein with a C-terminal 6-His tag expressed in CHO.
Species	Human
Source	CHO
ProteinLength	13360-14347 a.a.
Predicted N Terminal	Met13360
Form	Lyophilized from a 0.2 µm filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. When Recombinant Human CA125/MUC16 is coated at 1 µg/mL (100 µL/well), the concentration of Recombinant Human Galectin-3 that produces 50% of the optimal binding response is found to be approximately 0.35-1.4 µg/mL.
Molecular Mass	110 kDa
Endotoxin	<0.10 EU per 1 µg of the protein by the LAL method.
Purity	>90%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.

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Storage

Avoid repeated freeze-thaw cycles.

12 months from date of receipt, -20 to -70 centigrade as supplied.

1 month, 2 to 8 centigrade under sterile conditions after reconstitution.

3 months, -20 to -70 centigrade under sterile conditions after reconstitution.

Reconstitution Reconstitute at 250 µg/mL in PBS.

GENE INFORMATION

Gene Name [MUC16](#)

Official Symbol [MUC16 mucin 16, cell surface associated \[Homo sapiens \(human\) \]](#)

Synonyms

MUC16; mucin 16, cell surface associated; CA125; mucin-16; CA125 ovarian cancer antigen; ovarian cancer-related tumor marker CA125; ovarian carcinoma antigen CA125; CA-125; CA125MUC-16; FLJ14303; MUC16; mucin 16, cell surface associated; mucin-16; Ovarian cancer-related tumor marker CA125; Ovarian carcinoma antigen CA125

Gene ID [94025](#)

mRNA Refseq [NM_024690](#)

Protein Refseq [NP_078966](#)

MIM [606154](#)

UniProt ID [Q8WXI7](#)

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