

Recombinant Human MUC1 protein, Fc-tagged

Cat. No. MUC1-0500H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MUC1 protein(Ser116-Gly173), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	116-173 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminusThe protein has a calculated MW of 32.7 kDa. The protein migrates as 40-45 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Ser116-Gly173
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [MUC1 mucin 1, cell surface associated \[Homo sapiens \]](#)

Official Symbol [MUC1](#)

Synonyms MUC1; mucin 1, cell surface associated; mucin 1, transmembrane , PUM; mucin-1; CD227; PEM; episialin; DF3 antigen; H23 antigen; krebs von den Lungen-6; mucin 1, transmembrane; tumor-associated mucin; carcinoma-associated mucin; polymorphic epithelial mucin; peanut-reactive urinary mucin; tumor associated epithelial mucin; breast carcinoma-associated antigen DF3; tumor-associated epithelial membrane antigen; EMA; PUM; KL-6; MAM6; PEMT; H23AG; MUC-1; MUC-1/X; MUC1/ZD; MUC-1/SEC;

Gene ID [4582](#)

mRNA Refseq [NM_001018016](#)

Protein Refseq [NP_001018016](#)

MIM [158340](#)

UniProt ID [P15941](#)

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