

Recombinant Human MUC1 protein, mFc-tagged

Cat. No. MUC1-0496H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MUC1 protein(Ser1098-Gly1158), fused with mFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1098-1158 a.a.
Form	Lyophilized from 0.22 µm filtered solution in 51 mM Tris, 100 mM Glycine, 25 mM Arginine, 150 mM NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
Molecular Mass	This protein carries a mouse IgG2a Fc tag at the C-terminus.The protein has a calculated MW of 33.4 kDa. The protein migrates as 40-45 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Ser1098-Gly1158
Endotoxin	Less than 0.1 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.

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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

[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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