

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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