

Recombinant Human MUC1 protein, His-tagged

Cat. No. MUC1-7865H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MUC1 protein(P15941)(24-273aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	24-273aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	31.2 kDa
Purity	Greater than 90% 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	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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AA Sequence

SGHASSTPGGEKETSATQRSSVPSSTEKNALSTGVSFFFLSFHISNLQFNSSLEDPS
TDYYQELQRDISEMFLQIYKQGGFLGLSNIKFRPGSVVVQLTLAFREGTINVHDTVETQ
FNQYKTEAASRYNLTISDVSVDVPPFSAQSGAGVPGWGIALLVLCVLVALAIVYLI
ALAVCQCRRKNYGQLDIFPARDTYHPMSEYPTYHTHGRYVPPSSSTRSPYEKVSAG
NGGSSLSYTNPAVAATSANL

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](#)

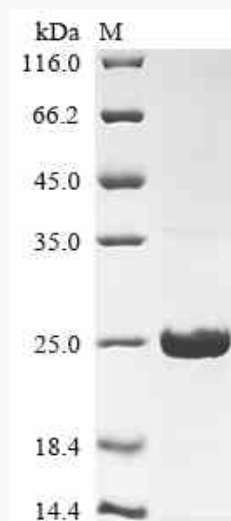
MIM

[158340](#)

UniProt ID

[P15941](#)

SDS-PAGE



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