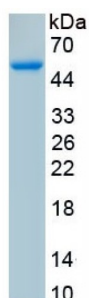
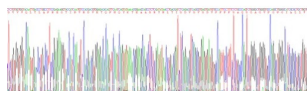


Human Mucin 1 (MUC1) Protein

Catalogue No.: abx068085



SDS-PAGE analysis of recombinant Human Mucin 1 Protein.



Gene sequencing extract of recombinant Human Mucin 1 Protein.

Human Mucin 1 is a recombinant Human protein produced in a Prokaryotic expression system (E. coli).

Target: Mucin 1 (MUC1)

Origin: Human

Expression: Recombinant

Tested Applications: WB, SDS-PAGE

Host: E. coli

Conjugation: Unconjugated

Form: Lyophilized

Purity: > 95%

Reconstitution: To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH₂O. If a lower concentration is required, dilute in 10 mM PBS, pH 7.4. If a higher concentration is required, the product can be reconstituted directly in 10 mM PBS, pH 7.4, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.

Datasheet

Version: 5.0.0
Revision date: 26 Jun 2025



Storage: Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P15941 ([UniProt](#), [ExPASy](#))

Gene Symbol: MUC1

GeneID: [4582](#)

OMIM: [113720](#)

NCBI Accession: NP_001018016.1, NM_001018016.2

HGNC: 7508

KEGG: hsa:4582

Ensembl: ENSG00000185499

String: [9606.ENSP00000484824](#)

Molecular Weight: Calculated MW: 49.0 kDa
Observed MW (SDS-PAGE): 50 kDa

Sequence Fragment: Ser1098-Leu1255

Sequence: SVV VQLTLAFREG TINVHDTVETQ FNQYKTEAAS RYNLTISDVS VSDVPFPFSA QSGAGVPGWG
IALLVLCVL VALAIVYLIA LAVCQCRRKN YGQLDIFPAR DTYHPMSEYP TYHTHGRYVP
PSSTDRSPYE KVSAGNGGSS LSYTNPAAVA TSANL

Tag: N-terminal His tag and GST tag

Buffer: Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 5% Trehalose.

Activity: Not tested

Concentration: Prior to lyophilization: 200 µg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.