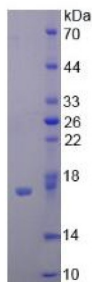


Human Mucin-1 (MUC1) Protein

Catalogue No.: abx068088



SDS-PAGE analysis of recombinant Human Mucin 1 Protein.

Human Mucin-1 (MUC1) Protein is a recombinant Human protein produced in a Prokaryotic expression system (E. coli).

This protein is the immunogen for the following antibodies: [abx173619](#)

Target: Mucin-1 (MUC1)

Research Area: Tumor Immunity, Infection Immunity, Pulmonology

Origin: Human

Expression: Recombinant

Tested Applications: WB, SDS-PAGE

Host: E. coli

Conjugation: Unconjugated

Form: Lyophilized

Activity: Not tested

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 20 mM Tris, 150 mM NaCl, pH 8.0. If a higher concentration is required, the product can be reconstituted directly in 20 mM Tris, 150 mM NaCl, pH 8.0, 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.

Storage: Store at 2-8°C for up to one month. For long-term storage, store at -80°C. Avoid repeated freeze/thaw cycles.

Datasheet

Version: 7.0.0
Revision date: 15 Oct 2025



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: 17.2 kDa
Observed MW (SDS-PAGE): 17 kDa

Sequence Fragment: Pro1034-Gln1151

Sequence: PQLSTGV SFFFLSFHIS NLQFNSSLED PSTDYYQELQ RDISEMFLQI YKQGGFLGLS NIKFRPGSVV
VQLTLAFREG TINVHDTVETQ FNQYKTEAAS RYNLTISDVS VSDVPFPFSA Q

Tag: N-terminal His tag

Buffer: Prior to lyophilization: 20 mM Tris, 150 mM NaCl, pH 8.0, containing 0.01% Sarcosyl, 5% Trehalose.

Concentration: Prior to lyophilization: 350 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.