

## Product Datasheet

### Human MUC1 protein (orb707009)

**Description**

Recombinant Human MUC1 Protein is

and the target gene encodi...

**Reactivity**

Human

**Endotoxins**

Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

**Tested Applications**

ELISA, MS, SDS-PAGE, WB

**Target**

MUC1

**Preservatives**

Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.

**Form/Appearance**

Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.

**Storage**

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

**Note**

For research use only

**Application notes**

 Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Protein Sequence**

 APKPATVVTG SGHASSTPGG EKETSATQRS  
 SVPSSTEKNA FNSLEDPST DYYQELQRDI  
 SEMFLQIYKQ GGFLGLSNIK FRPGSVVVQL  
 TLAFREGTIN VHDVETQFNQ YKTEAASRYN  
 LTISDVSVSD VPFPSAQSG AGVPGDIEGR  
 MDPKSCDKTH TCPPCPAPEL LGGPSVFLFP  
 PKPKDTLMIS RTPEVTCVVV DVSHEDPEVK  
 FNWYVDGVEV HNAKTKPREE QYNSTYRVVS  
 VLTVLHQDWL NGKEYKCKVS NKALPAPIEK  
 TISKAKGQPR EPQVYTLPPS RDELTKNQVS  
 LTCLVKGFYP SDIAVEWESN GPENNYKTT  
 PPVLDSGGSF FLYSKLTVDK SRWQQGNVFS  
 CSVMHEALHN HYTKSLSLS PGK

**Purity**

Greater than 95% as determined by reducing SDS-PAGE.

**Source**

Human cells