

## Recombinant Mouse Muc1 protein, His-tagged

**Cat. No.** Muc1-4715M    **Lot. No.** (See product label)

### SPECIFICATION

**Product Overview**      Recombinant Mouse Muc1 protein(Q02496)(21-535 aa), fused with C-terminal His tag, was expressed in Yeast.

**Species**                      Mouse

**Source**                        Yeast

**ProteinLength**              21-535 aa

**Form**                              For liquid formulations, the standard storage buffer consists of a Tris or PBS based solution supplemented with 5-50% glycerol. When provided as lyophilized powder, the product undergoes freeze-drying from a Tris- or PBS-based formulation containing 6% trehalose, adjusted to pH 8.0 prior to the lyophilization process.

**Molecular Mass**              52.9 kDa

**AASequence**                      FLALPSEENSVTSSQDTSSSLASTTTPVHSSNSDPATRPPGDSTSSPVQSSTSSPAT  
 RAPEDSTSTAVLSGTSSPATTAPVNSASSPVAHGDTSSPATSLKDSNSSPVVHSG  
 TSSAATTAPVDSTSSPVVHGGTSSPATSPPGDSTSSPDHSSSTSSPATRAPEDSTST  
 AVLSGTSSPATTAPVDSTSSPVAHDDTSSPATSLSEDSASSPVAHGGTSSPATSPLR  
 DSTSSPVHSSASIQNIKTSDLASTPDHNGTSVTTTSSALGSATSPDHSGTSTTTNSS  
 ESLATTPVYSSMPFSTTKVTSGSAIIPDHNGSSVLPTSSVLGSATSLVYNTSAIATTP  
 VSNGTQPSVPSQYPVSPTMATTSSHSTIASSSYSTVPFSTFSSNSSPQLSVGVVSFF  
 FLSFYIQNHFPNSSLEDPSNYYQELKRNISGLFLQIFNGDFLGISSIKFRSGSVVVS  
 TVVFREGTFSASDVKSQLIQHKKEADDYNTLISEVKVNEMQFPPSAQSRPGVPGWG

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<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Please reconstitute protein indeionized sterile water to a concentration of 0.1-1.0 mg/mL. Aliquot for long-term storage at -80°C.

## GENE INFORMATION

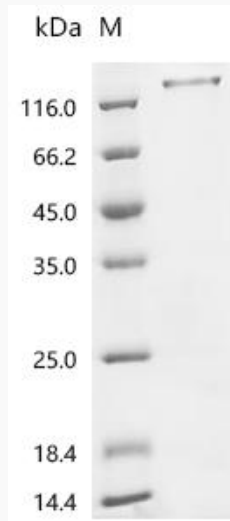
<b>Gene Name</b>	Muc1 mucin 1, transmembrane [ <i>Mus musculus</i> ]
<b>Official Symbol</b>	Muc1
<b>Synonyms</b>	MUC1; mucin 1, transmembrane; mucin-1; episialin; EMA; CD227; Muc-1;
<b>Gene ID</b>	17829
<b>mRNA Refseq</b>	NM_013605
<b>Protein Refseq</b>	NP_038633

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**SDS-PAGE**



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