



## MUC1 (aa. 1094-1140)

**Catalog No.** PY-20096

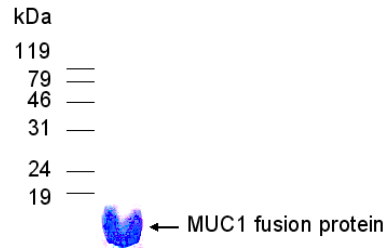
**Scale:** 1 mg

**Form:** lyophilized protein

### Target description

MUC1 is a large, transmembrane mucin glycoprotein expressed at the apical surface of a variety of reproductive tract epithelia. Functions attributed to MUC1 include those generally associated with mucins such as lubrication and hydration of cell surfaces as well as protection from microorganisms and degradative enzymes. In addition, MUC1 is an effective inhibitor of both cell-cell and cell-extracellular matrix interactions in both normal and malignant contexts. Moreover, a series of recent studies has shown that the highly conserved cytoplasmic tail of MUC1 interacts specifically with a series of important signal transducing molecules including  $\beta$ -catenin, Grb2 and erbB family members.

### SDS PAGE analysis (Commassie blue staining)



20% SDS PAGE gel

### Products

**E. coli derived MUC1 (aa. 1094-1140) fusion protein with His tag**

### Comments

**Protein ID :** P15941

**Fusion tag :** 4kDa (His-tag)

**Purity :** > 90%

**Fusion protein size :** 10 kDa

### Sequence:

LRPGSVVVQLTLAFREGTINVHD  
VETQFNQYKTEAASRYNLTISDV  
SG

### Storage

Redissolve the powder with 1ml sterile water will restore to the original concentration 1mg/ml. For long-term storage at -20°C. Aliquot to avoid repeated freezing and thawing.

### Application

Dilute with 1XPBS for Western blot, ELISA test antigen, Immunogen