

RPA413Bo01 100µg

Recombinant Mucin 1 (MUC1)

Organism Species: *Bos taurus*; Bovine (Cattle)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Asn23~Ala489

Tags: N-terminal His Tag

Subcellular Location: Membrane, Nucleus, Cytoplasm

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 7.5

Predicted Molecular Mass: 49.6kDa

Accurate Molecular Mass: 50kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

		NVPTLTTS	DSINPRRTTP	VSTTQSSPTS
SPTKETSWS	TTTTLLTASSP	APSPAASPGH	DGASTPTSSP	APSPAASPGH
DGASTPTSSP	APSPAASPGH	DGASTPTSSP	APSPAASPGH	DGASTPTSSP
APSPAASPGH	NGTSSPTGSP	APSPAASPGH	DGASTPTSSP	APSPAASPGH
NGTSSPTGSP	APSPAASPGH	DGASTPTSSP	APSPAASPGH	NGTSSPTGSP
APSPTASPGH	DSAPSLTSSP	APSPTASPGQ	HGASSPTSSD	TSSMTTRSMS
SSMVTSAHKG	TSSRATMTPV	SKGTPSSVPS	SETAPTAASH	ITRTAASSPS
IALSTSSNP	TSQQLSVRVS	LYFLSFRIITN	LQFNSSLENP	QTSYYQELQR
SIWGLILQIY	KQRDFLGLSE	IKFRPGSVVV	ELTLAFREGT	TAEWVKAQFS
QLEAHAASYN	LTISGVSVYS	APFPSSAQAG	SGVPGWGIA	

[IDENTIFICATION]

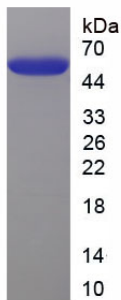


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.