Recombinant Cattle MUC5B protein, His-tagged

Cat. No. MUC5B-783C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cattle MUC5B aa. (Gln6489~Tyr6632) fused with N-terminal His tag was produced in E. coli cells.
Species	Cattle
Source	E.coli
ProteinLength	Gln6489~Tyr6632
Form	Freeze-dried powder
Molecular Mass	19kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.3.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
Stability	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.

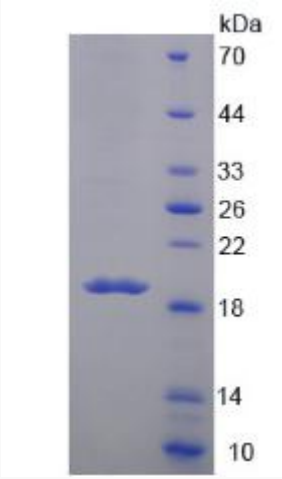
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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200μg/mL
Storage buffer	100mM NaHCO3, 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Reconstitution	Reconstitute in 100mM NaHCO3, 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	MUC5B mucin 5B, oligomeric mucus/gel-forming [Bos taurus (cattle)]
Official Symbol	MUC5B
Synonyms	MUC5AC; mucin-5B; LOW QUALITY PROTEIN: mucin-5B; mucin-5AC
Gene ID	789503
mRNA Refseq	XM_015461377.1
Protein Refseq	XP_015316863.1

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SDS-PAGE	

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