

Recombinant Rat Muc5b protein, His & GST-tagged

Cat. No. Muc5b-787R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Muc5b aa. (Lys3667~Leu3771 (Accession # D3ZAU0)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Lys3667~Leu3771
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 43.8kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.8.
Applications	SDS-PAGE; WB; ELISA; IP.
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.
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Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
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Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
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GENE INFORMATION

Gene Name	Muc5b mucin 5B, oligomeric mucus/gel-forming [<i>Rattus norvegicus</i> (Norway rat)]
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Official Symbol	Muc5b
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Synonyms	RGD1561983; mucin-5B
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Gene ID	309114
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mRNA Refseq	XM_006230608.2
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Protein Refseq	XP_006230670.1
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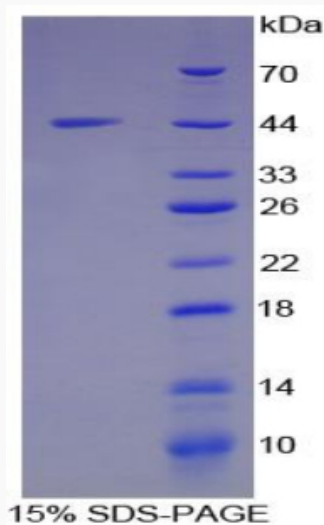
UniProt ID	D3ZAU0
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SDS-PAGE



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