

Recombinant Rat Muc5b protein, His & GST-tagged

Cat. No. Muc5b-786R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Muc5b aa. (Arg3513~Gly3611 (Accession # D3ZAU0)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Arg3513~Gly3611
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 42.9kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.6.
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.
Storage buffer	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH ₂ O.

GENE INFORMATION

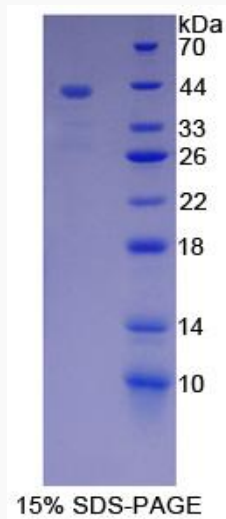
Gene Name	Muc5b mucin 5B, oligomeric mucus/gel-forming [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Muc5b
Synonyms	RGD1561983; mucin-5B
Gene ID	309114
mRNA Refseq	XM_006230608.2
Protein Refseq	XP_006230670.1
UniProt ID	D3ZAU0

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SDS-PAGE



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