

Recombinant Mouse Muc5b protein, His-tagged

Cat. No. Muc5b-785M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Muc5b aa. (Ala75~Leu295) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Ala75~Leu295
Form	Freeze-dried powder
Molecular Mass	26kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>98%
Characteristic	The isoelectric point is 5.2.
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 NaHCO ₃ , 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
Reconstitution	Reconstitute in 100mM NaHCO ₃ , 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

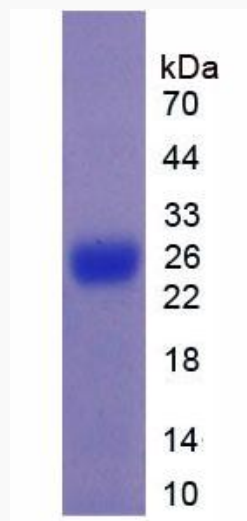
Gene Name	Muc5b mucin 5, subtype B, tracheobronchial [<i>Mus musculus</i> (house mouse)]
Official Symbol	Muc5b
Synonyms	MUC5; MUC9; AV085033; mucin 5b; A130042M24; 2300002I04Rik; mucin-5B
Gene ID	74180
mRNA Refseq	NM_028801.2
Protein Refseq	NP_083077.2
UniProt ID	E9Q5I3

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SDS-PAGE



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