

Recombinant Mouse Muc5ac protein, His-tagged

Cat. No. Muc5ac-7624M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Muc5ac aa. (Val2040~Tyr2149 (Accession # E9PWB6)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Val2040~Tyr2149
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 14.0kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.4.
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 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
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Reconstitution	Reconstitute in sterile ddH ₂ O.
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GENE INFORMATION

Gene Name	Muc5ac mucin 5, subtypes A and C, tracheobronchial/gastric [<i>Mus musculus</i> (house mouse)]
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Official Symbol	Muc5ac
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Synonyms	MGM; 2210005L13Rik; gastric mucin; mucin-5AC
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Gene ID	17833
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mRNA Refseq	NM_010844.1
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Protein Refseq	NP_034974.1
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UniProt ID	E9PWB6
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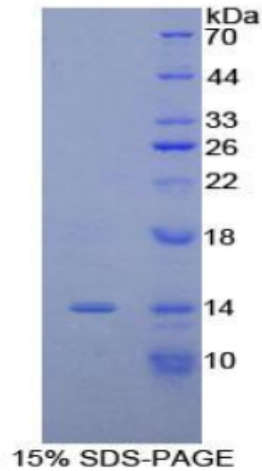
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SDS-PAGE



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