

Recombinant Rat Muc5ac protein, His & T7-tagged

Cat. No. Muc5ac-7628R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Muc5ac aa. (Val324~Gln406) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Val324~Gln406
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 17.4kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.4.
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.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Muc5ac mucin 5AC, oligomeric mucus/gel-forming [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Muc5ac
Synonyms	mucin 5, subtypes A and C, tracheobronchial/gastric; LOW QUALITY PROTEIN: mucin-5AC; mucin 5, subtypes A and C
Gene ID	682837
mRNA Refseq	XM_008760037.2
Protein Refseq	XP_008758259.1
UniProt ID	O35888

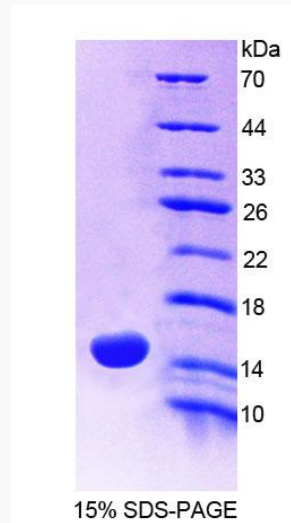
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SDS-PAGE



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