

Recombinant Mouse Muc2 protein, His-tagged

Cat. No. Muc2-691M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Muc2 aa. (Val1294~Pro1442 (Accession# Q80Z19)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Val1294~Pro1442
Form	Freeze-dried powder
Molecular Mass	22kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 4.9.
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 ddH ₂ O.

GENE INFORMATION

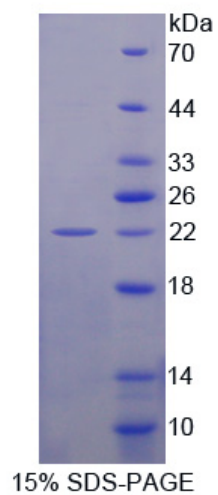
Gene Name	Muc2 mucin 2 [<i>Mus musculus</i> (house mouse)]
Official Symbol	Muc2
Synonyms	Muc2; mucin 2; MCM; wnn; 2010015E03Rik; mucin-2; colonic mucin; secreted gel-forming mucin
Gene ID	17831
mRNA Refseq	NM_023566.3
Protein Refseq	NP_076055.3
UniProt ID	Q80Z19

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SDS-PAGE



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