

Recombinant Mouse Muc2 protein, His-tagged

Cat. No. Muc2-689M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Muc2 aa. (Ala27~Asn110 (Accession# Q80Z19)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Ala27~Asn110
Form	Freeze-dried powder
Molecular Mass	11kDa as determined by SDS-PAGE reducing conditions
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.6.
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	200g/mL
Storage buffer	PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300
Reconstitution	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

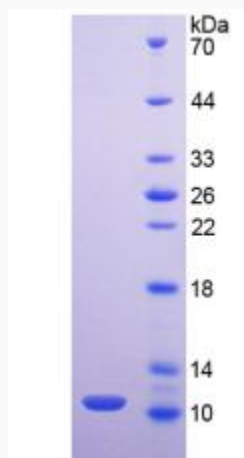
Gene Name	Muc2 mucin 2 [Mus musculus (house mouse)]
Official Symbol	Muc2
Synonyms	Muc2; mucin 2; MCM; wnn; 2010015E03Rik; mucin-2; colonic mucin; secreted gel-forming mucin
Gene ID	17831
mRNA Refseq	NM_023566.3
Protein Refseq	NP_076055.3
UniProt ID	Q80Z19

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SDS-PAGE



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