

Recombinant Mouse Muc2 protein, His-tagged

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

SPECIFICATION

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| 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

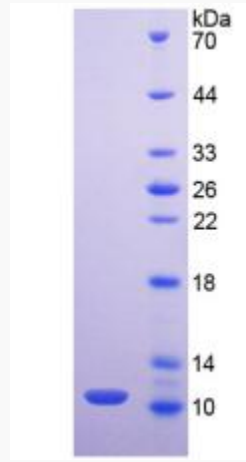
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|------------------------|--|
| Gene Name | Muc2 mucin 2 [<i>Mus musculus</i> (house mouse)] |
| Official Symbol | Muc2 |
| Synonyms | Muc2; mucin 2; MCM; wnn; 2010015E03Rik; mucin-2; colonic mucin; secreted gel-forming mucin |
| Gene ID | 17831 |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

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SDS-PAGE



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