

Recombinant Mouse Muc20 Protein, His-tagged

Cat. No. Muc20-1804M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Muc20 Protein (Thr399-Asp603) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Thr399-Asp603
Description	Predicted to enable identical protein binding activity. Acts upstream of or within hepatocyte growth factor receptor signaling pathway and positive regulation of MAPK cascade. Predicted to be located in basal plasma membrane. Is expressed in metanephros. Human ortholog(s) of this gene implicated in IgA glomerulonephritis. Orthologous to human MUC20 (mucin 20, cell surface associated).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 24.7 kDa Accurate Molecular Mass: 32&28 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade 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.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

Muc20 mucin 20 [*Mus musculus* (house mouse)]

Official Symbol

Muc20

Synonyms

MUC20; mucin 20; mucin-20; MUC-20; BC026367; MGC31081;

Gene ID

224116

mRNA Refseq

NM_001145874

Protein Refseq

NP_001139346

UniProt ID

Q8BUE7

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