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# Recombinant Mouse MUC16 protein (His tag)

Catalog Number:PDEM100109



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

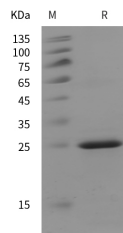
## Description

<b>Synonyms</b>	Mucin 16;Muc16
<b>Species</b>	Mouse
<b>Expression Host</b>	E.coli
<b>Sequence</b>	Ile 6188-Ser 6372
<b>Accession</b>	A0A140LJ72
<b>Calculated Molecular Weight</b>	20.2 kDa
<b>Observed molecular weight</b>	25 kDa
<b>Tag</b>	N-His

## Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	Please contact us for more information.
<b>Storage</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

## Data



> 95 % as determined by reducing SDS-PAGE.

## Background

Mucin-16 is a heavily O-glycosylated protein that can be liberated into the extracellular space following the phosphorylation of the intracellular C-terminus, which induces proteolytic cleavage and liberation of extracellular domain. It provides protective, lubricating barrier against particles and infectious agents at mucosal surfaces. Mucin-16 is composed of three domains: a Serine, Threonine-rich N-terminal domain, a repeated domain containing between 12 and 60 partially conserved tandem repeats of 156 amino acids and a C-terminal transmembrane domain with a short cytoplasmic tail.

## For Research Use Only

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