

RP01931LQ

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# Recombinant Human Mucin-2 /MUC2 Protein

Catalog No.: RP01931LQ **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	4583	Q02817

### Tags

C-His

### Synonyms

MUC2; SMUC;Mucin-2; MUC-2;  
Intestinal mucin-2

## Product Information

Source	Purification
	≥ 90% as determined by SDS-PAGE.

### Endotoxin

< 0.01 EU/μg of the protein by LAL method

### Formulation

Supplied as 0.22 μm filtered solution in PBS , 10% glycerol,pH7.4.

### Reconstitution

## Background

MUC2 Coats the epithelia of the intestines, airways, and other mucus membrane-containing organs. Thought to provide a protective, lubricating barrier against particles and infectious agents at mucosal surfaces. Major constituent of both the inner and outer mucus layers of the colon and may play a role in excluding bacteria from the inner mucus layer.

## Basic Information

### Description

Recombinant Human Mucin-2 /MUC2 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gly858-Thr1259) of Human Mucin-2 /MUC2 (Accession #NP\_002448.4) fused with a His tag at the C-terminus.

### Bio-Activity

### Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

### Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

### Storage

Store at -70°C. This product is stable at ≤ -70°C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles. Avoid repeated freeze/thaw cycles.

## Contact

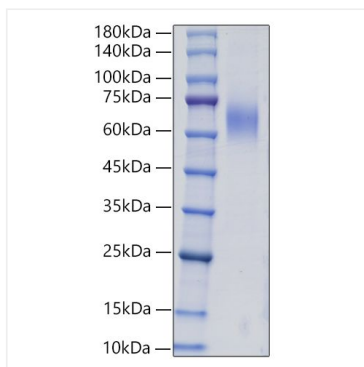


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## Validation Data

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Recombinant Human Mucin-2  
/MUC2 Protein was determined by  
SDS-PAGE under reducing conditions  
with Coomassie Blue.