

Recombinant Human Mucin-2 / MUC2 Protein

Catalog No.: RP01931LQ Recombinant

Sequence Information

Species Gene ID Swiss Prot Human 4583 002817

Tags

C-His

Synonyms

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

Product Information

Source Purification HEK293 cells ≥ 90% as

determined by SDS-

PAGE.

Calculated MW Observed MW

45.63 kDa 60-75 kDa

Endotoxin

< 0.01 EU/ μ g of the protein by LAL method

Formulation

Supplied as 0.22 μm filtered solution in PBS₁₀% glycerol,pH7.4.

Reconstitution

Background

MUC2 Coats the epithelia of the intestines, airways, and other mucus membranecontaining 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.

Storage

Store at -70°C. This product is stable at \leq -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.

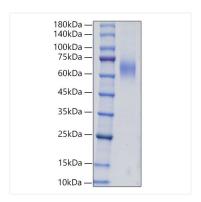
Operational Notes

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

Contact

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Validation Data



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