

Recombinant Human Mucin-2 /MUC2 Protein

Catalog No.: RP01931LQ **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	4583	Q02817

Tags

C-His

Synonyms

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

Product Information

Source	Purification
HEK293 cells	PBS□10% glycerol

Endotoxin

<0.01EU/μg

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

Storage

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.

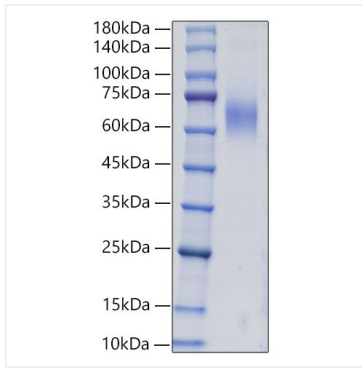
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Validation Data



Recombinant Human Mucin-2 /MUC2 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 60-75kDa.