

Recombinant Human Mucin-2 /MUC2 Protein

Catalog No.: RP01931LQ

Sequence Information

Species	Gene ID
Human	4583
Swiss Prot	Tags
Q02817	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/μg of the protein by LAL method

Formulation

Supplied as 0.22 μm filtered solution in PBS, 10% glycerol, pH 7.4.

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.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -70°C

Operational Notes

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

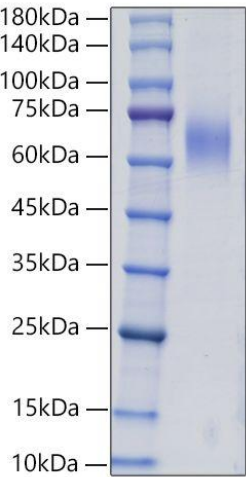
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Validation Data



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