

Recombinant Human Mucin-17/MUC17 Protein

Catalog No.: RP03280

Sequence Information

Species **Gene ID**
Human 140453

Swiss Prot **Tags**
Q685J3 C-hFc

Synonyms

Mucin-17; MUC-17; MUC17;
MUC3; MUC-3

Product Information

Source **Purification**
HEK293 cells ≥ 95 % as
 determined by
 SDS-PAGE.

Calculated MW **Observed MW**
56.2 kDa (17-27)&(55-70)
 kDa

Endotoxin

< 1 EU/μg of the protein by LAL
method.

Formulation

Lyophilized from a 0.22 μm filtered
solution of PBS, pH 7.4. Contact us
for customized product form or
formulation.

Reconstitution

Centrifuge the vial before opening.
Reconstitute to a concentration of
0.1–0.5 mg/mL in sterile distilled
water. Avoid vortex or vigorously
pipetting the protein. For long
term storage, it is recommended
to add a carrier protein or stabilizer
(e.g. 0.1% BSA, 5% HSA, 10% FBS
or 5% Trehalose), and aliquot the
reconstituted protein solution to
minimize free-thaw cycles.

Background

Mucins belong to the family of large glycoproteins that constitute the major structural component of mucus. Mucins execute wide range of physiological functions like protection and lubrication of epithelial surfaces, maintaining epithelial integrity, aiding in cell adhesion and confer protection against pathogens, toxins and foreign particles. MUC-17 protein maintains mucosal homeostasis, contributing to environmental stability. Interacting via its C-terminus, MUC-17 crucially associates with PDZK1, ensuring proper cellular localization.

Basic Information

Description

Recombinant Human Mucin-17/MUC17 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Arg4131–Leu4390) of human Mucin-17/MUC17 (Accession #Q685J3) fused with a hFc 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 -20°C

Operational Notes

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

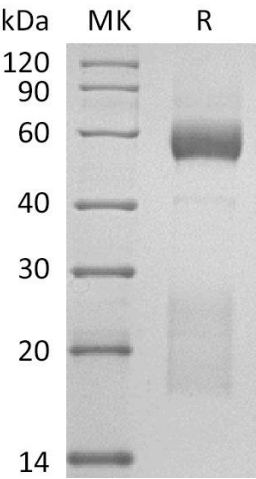
Contact

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Validation Data



Recombinant Human Mucin-17/MUC17 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.