

# Recombinant Human MUC5AC protein (TRX,His tag)

Catalog Number:PDEH100134



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

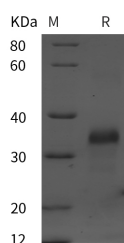
## Description

<b>Synonyms</b>	Apomucin;Gastric mucin;Major airway glycoprotein;MUC-5AC;MUC5AC;Mucin 5 Subtypes A And C;Mucin 5AC;Mucin-5AC
<b>Species</b>	Human
<b>Expression Host</b>	E.coli
<b>Sequence</b>	Cys 351-Thr 451
<b>Accession</b>	P98088
<b>Calculated Molecular Weight</b>	31.0 kDa
<b>Observed molecular weight</b>	35 kDa
<b>Tag</b>	N-Trx-His

## Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	Please contact us for more information.
<b>Storage</b>	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

## Data



> 95 % as determined by reducing SDS-PAGE.

## Background

Gel-forming glycoprotein of gastric and respiratory tract epithelia that protects the mucosa from infection and chemical damage by binding to inhaled microorganisms and particles that are subsequently removed by the mucociliary system.

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