

Recombinant Human MUC5B protein (His tag)

Catalog Number:PDMH100055



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

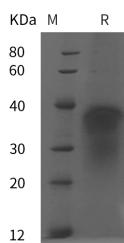
Description

Synonyms	Mucin-5B;MUC-5B;Cervical mucin;High molecular weight salivary mucin MG1;Mucin-5 subtype B;tracheobronchial;Sublingual gland mucin;MUC5;MUC5B
Species	Human
Expression Host	HEK293 Cells
Sequence	Cys5653-Val5762
Accession	Q9HC84
Calculated Molecular Weight	12.0 kDa
Observed molecular weight	35 kDa
Tag	C-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	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.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	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.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Gel-forming mucin that is thought to contribute to the lubricating and viscoelastic properties of whole saliva and cervical mucus. Expressed on surface airway epithelia. Expressed mainly in mucous cells of submucosal glands of airway tissues. Highly expressed in the sublingual gland. Also found in submaxillary glands, endocervix, gall bladder, and pancreas.

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