

Recombinant Human MUC5AC protein (GST tag)

Catalog Number:PDEH100133



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

Description

Synonyms	Apomucin;Gastric mucin;MUC 5;MUC5AC;Mucin;Mucin-5 subtype AC;tracheobronchial
Species	Human
Expression Host	E.coli
Sequence	Cys 351-Thr 451
Accession	P98088
Calculated Molecular Weight	36.0 kDa
Observed molecular weight	30 kDa
Tag	N-GST

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.

Background

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

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