

Recombinant Human MUC5B protein, His&Myc-tagged

Cat. No. MUC5B-4400H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MUC5B protein(Q9HC84)(4186-4295aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	4186-4295aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	18.9 kDa
AA Sequence	ELGQVVECSLDFGLVCRNREQVGKFKMCFNYEIRVFCCNYGHCPSTPATSSSTAMPS STPGTTWILTELTATTTASTGSTATPSSTPGTAPPPKVLTSPTTPTATSSK
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for

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long-term storage at -20°C/-80°C.

GENE INFORMATION

Gene Name	MUC5B mucin 5B, oligomeric mucus/gel-forming [Homo sapiens]
Official Symbol	MUC5B
Synonyms	MUC5B; mucin 5B, oligomeric mucus/gel-forming; MUC5, mucin 5, subtype B, tracheobronchial; mucin-5B; MG1; cervical mucin MUC5B; sublingual gland mucin; mucin 5, subtype B, tracheobronchial; high molecular weight salivary mucin MG1; MUC5; MUC9; MUC-5B;
Gene ID	727897
mRNA Refseq	NM_002458
Protein Refseq	NP_002449
MIM	600770
UniProt ID	Q9HC84

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