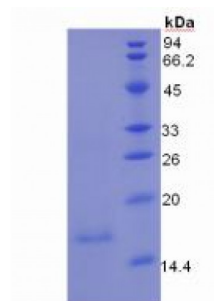


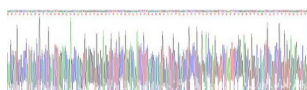
Abbexa Ltd, Innovation Centre, Cambridge Science Park, Cambridge, CB4 0EY, UK
Telephone: +44 (0) 1223 755950 - Fax: +44 (0) 1223 755951 - E-Mail: info@abbexa.com

Human Mucin 5 Subtype B (MUC5B) Protein

Catalogue No.: abx068105



SDS-PAGE analysis of Human Mucin 5B Protein.



Gene sequencing extract of Human Mucin 5B.

Recombinant Mucin 5B (Mucin 5B) is a recombinant protein from Human. It is produced in E.coli using Prokaryotic expression.

Target: Mucin 5 Subtype B (MUC5B)

Origin: Human

Host: E. coli

Tested Applications: WB, SDS-PAGE

Purity: > 95%

Form: Lyophilized

Reconstitution: Reconstitute in PBS, pH 7.4, to a concentration of 0.1-1.0 mg/ml. Do not vortex.

Conjugation: Unconjugated

Storage: Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.

Expression: Recombinant

Abbexa Ltd, Innovation Centre, Cambridge Science Park, Cambridge, CB4 0EY, UK
Telephone: +44 (0) 1223 755950 - Fax: +44 (0) 1223 755951 - E-Mail: info@abbexa.com

Molecular Weight:	Calculated MW: 9.7 kDa Observed MW (SDS-PAGE): 17 kDa Possible reasons why the actual band size differs from the predicted band size: 1. Splice variants. Alternative splicing may create different sized proteins from the same gene. 2. Relative charge. The composition of amino acids may affect the charge of the protein. 3. Post-translational modification. Phosphorylation, glycosylation, methylation etc. may affect the band size. 4. Post-translational cleavage. Many proteins are synthesised as pro-proteins, and then cleaved to give the active form. 5. Polymerisation of the target protein. Dimerisation, multimerisation etc. will increase the band size observed.
Swiss Prot:	Q9HC84
Sequence Fragment:	Lys5366-Val5444
Sequence:	KPCGPIQ PATCNSRNQS PQLEGMAEGC FCPEDQILFN AHMGICVQAC PCVGPDGFPK FPGERWWSNC QSCVCDEGSV SV
Tag:	N-terminal His-tag
Activity:	Not tested
Concentration:	Prior to lyophilization: 200 µg/ml
Buffer:	Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 1 mM DTT, 5% Trehalose and Proclin-300.
Note:	This product is for research use only.