

Mucin 5 Subtype B (MUC5B) Recombinant Protein | MUC5B recombinant protein

Recombinant Mucin 5 Subtype B (MUC5B)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA134107	E.coli	Mus musculus (Mouse)	Western Blot, SDS-Page

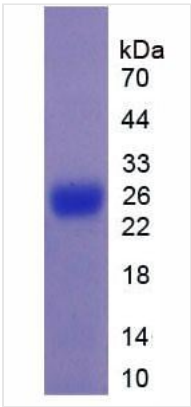
PRODUCT SYNONYMS

Mucin 5 Subtype B (MUC5B); Recombinant Mucin 5 Subtype B (MUC5B); MUC5B recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 97%
Concentration	Original Concentration: 400ug/mL (varies by lot)
Sequence	AHNGRVCSTW GDFHYKTFDG DVFRFPGLCN YVFSSHCGAT YEDFNIQLRR GLEGSRPVTY YVLLRAQGLV IELSNGSVLV NGHREKLPYS RAGLLMEKSS GYVKISIRLV LTFWNEEDS ALLELDSKYI NQTCGLCGDF NGLPAVSEFY THNTRLTPVQ FGNLQKLDGP TEQCQDVLPS AVSNCTDTE ICRRTLLGPA FDKCTALVDV SMYLDACVQD L
Applicable Applications for MUC5B recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ala75~Leu295
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	5.2
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	301172750
NCBI GeneID	727897
NCBI Accession #	NP_002449.2
NCBI GenBank Nucleotide #	NM_002458.2
UniProt Accession #	Q9HC84; O00447; O00573; O14985; O15494; O95291; O95451; Q14881; Q7M4S5; Q99552; Q9UE28
Molecular Weight	Predicted Molecular Mass: 25.5kDa Accurate Molecular Mass: 26kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	mucin-5B
NCBI Official Synonym Full Names	mucin 5B, oligomeric mucus/gel-forming
NCBI Official Symbol	MUC5B
NCBI Official Synonym Symbols	MG1; MUC5; MUC9; MUC-5B
NCBI Protein Information	mucin-5B; cervical mucin MUC5B; sublingual gland mucin; mucin 5, subtype B, tracheobronchial; high molecular weight salivary mucin MG1
UniProt Protein Name	Mucin-5B
UniProt Gene Name	MUC5B
UniProt Synonym Gene Names	MUC5; MUC-5B
UniProt Entry Name	MUC5B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/muc5b-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134107>