

Mucin 5 Subtype AC (MUC5AC) Recombinant Protein | MUC5AC recombinant protein

Recombinant Mucin 5 Subtype AC (MUC5AC)

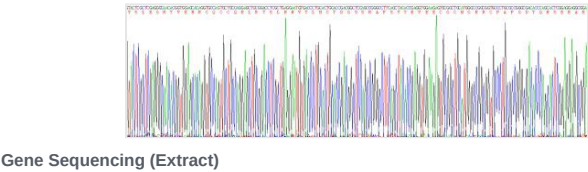
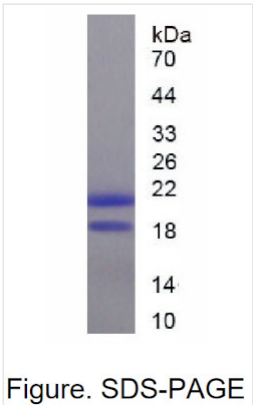
CATALOG # AAA20197	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS SDS-Page, Western Blot
------------------------------	-----------------------	---	---

PRODUCT SYNONYMS

Mucin 5 Subtype AC (MUC5AC); Recombinant Mucin 5 Subtype AC (MUC5AC); MUC5AC recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 95%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 600ug/mL (varies by lot)
Applicable Applications for MUC5AC recombinant protein	Positive Control, Immunogen, SDS-PAGE, WB (Western Blot)
Application Notes	(May be suitable for use in other assays to be determined by the end user.)
Source	Prokaryotic expression
Residues	Tyr5568~His5654
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	4.8
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.



SDS-PAGE

YSL EGN TVEHRCQ CCQELRTSLR NVT LHCTDGS
SRAFSY TEVE ECGCMGRRCP APGDTQHSEE AEPEPSQEAE SGSWERGVPV
SPMH

Sequence Information

NCBI AND UNIPROT INFORMATION

NCBI GI #	160370004
NCBI GeneID	4586
Molecular Weight	Predicted Molecular Mass: 16.3kDa Accurate Molecular Mass: 19&21kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	Mucin-5AC
NCBI Official Synonym Full Names	mucin 5AC, oligomeric mucus/gel-forming
NCBI Official Symbol	MUC5AC
NCBI Official Synonym Symbols	TBM; leB; MUC5
NCBI Protein Information	mucin-5AC; mucin 5AC, oligomeric mucus/gel-forming; gastric mucin; tracheobronchial mucin; major airway glycoprotein; lewis B blood group antigen; mucin-5 subtype AC, tracheobronchial; mucin 5AC, oligomeric mucus/gel-forming pseudogene; mucin 5, subtypes A and C, tracheobronchial/gastric
UniProt Protein Name	Mucin-5AC
UniProt Gene Name	MUC5AC
UniProt Synonym Gene Names	MUC5; MUC-5AC; LeB; TBM
UniProt Entry Name	MUC5A_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.