

Mucin 7 (MUC7) Recombinant Protein | MUC7 recombinant protein

Recombinant Mucin 7, Secreted (MUC7)

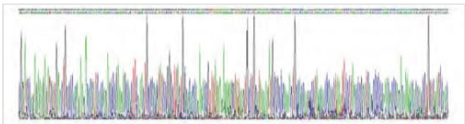
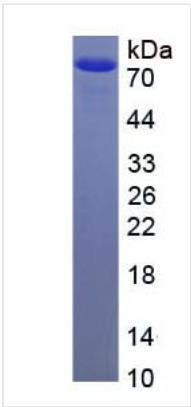
CATALOG # AAA149287	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Mucin 7 (MUC7); Recombinant Mucin 7; Secreted (MUC7); MG2; Mucin 7; Salivary; Apo-MG2; Salivary mucin-7; MUC7 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Sequence Positions	Arg23~Gln377
Applicable Applications for MUC7 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Tags	N-terminal His and GST Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Phenomenon explanation	The possible reasons that the actual band size differs from the predicted are as follows: 1.Splice variants: Alternative splicing may create different sized proteins from the same gene. 2. Relative charge: The composition of amino acids may affects the charge of the protein. 3. Post-translational modification: Phosphorylation, glycosylation, methylation etc. 4. Post-translation cleavage: Many proteins are synthesized as pro-proteins, and then cleaved to give the active form. 5. Polymerization of the target protein: Dimerization, multimerization etc.
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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°C for one month. Aliquot and store at -80°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°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.



Application Data

SDS-PAGE

REKDHLEK HRRHHQSPK SHFELRHYPG
LLAHQKPFIR KSYKCLHKRC RPKLPPSPIN PPKFPHQHP PKHPDKNSSV
VNPILVATTO IPSVTFPSAS TKITLLPNVT FLPQNATTIS SRENWNTSSS
VATLAPVNSP APQDTTAAPP TPSATTAPPP SSSAPPETTA APPTPSATTQ
APPSSSAPPE TTAAPPTPPA TTPAPPSSSA PPETTAAPPT PSATTAPLS
SSAPPETTAV PPTPSATTLO PSSASAPPET TAAPPTPSAT TPAPPSSPAP
QETTAAPITT PNSSPTTLAP DTSETSAAPT HQTTTSVTQ TTTTKQPTSA
PGQNKISRFL LYMKNLLNRI IDDMVEQ

Application Data
Sequence

NCBI AND UNIPROT INFORMATION

Molecular Weight	Predicted isoelectric point: 8.2 Predicted Molecular Mass: 66.8kDa Accurate Molecular Mass: 85kDa as determined by SDS-PAGE reducing conditions.
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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/mucin-7-muc7-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/149287>