

Mucin 1 (MUC1) Peptide | MUC1 peptide

Synthetic Mucin 1 (MUC1)

CATALOG # AAA147182	HOST Peptide synthesis	APPLICATIONS Immunogen
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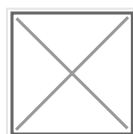
PRODUCT SYNONYMS

Mucin 1 (MUC1); Synthetic Mucin 1 (MUC1); CD227; EMA; H23AG; KL-6; PEM; PEMT; PUM; CA15-3; Cancer antigen 15-3; Carcinoma-associated mucin; Episialin; Peanut-reactive urinary mucin; Polymorphic epithelial mucin; MUC1 peptide

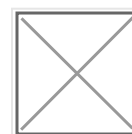
PRODUCT SPECIFICATIONS

Host	Peptide synthesis
Purity/Purification	> 95%
Form/Format	Freeze-dried powder
Sequence Length	580
Applicable Applications for MUC1 peptide	Immunogen
Fragment	Pro902-Ala941
Tag	N-terminal His Tag
Buffer Formulation	PBS, pH7.4.
Organism Species	Human
Isoelectric Point	7.3
Usage	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and 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. 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



Application Data



Sequence

ADDITIONAL INFORMATION

Product Categories/Family for MUC1 peptide	Synthetic Peptide
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NCBI AND UNIPROT INFORMATION

NCBI GI #	41386778
NCBI GeneID	281333
NCBI Accession #	NP_776540.1
NCBI GenBank Nucleotide #	NM_174115.2
UniProt Accession #	Q8WML4; Q95L89
Molecular Weight	3756.1Da
NCBI Official Full Name	mucin-1
NCBI Official Symbol	MUC1
NCBI Official Synonym Symbols	mucin
NCBI Protein Information	mucin-1
UniProt Protein Name	Mucin-1
UniProt Gene Name	MUC1
UniProt Synonym Gene Names	MUC-1; MUC1-NT; MUC1-alpha; MUC1-beta

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/peptide-synthesis-peptide/mucin-1-muc1/147182>