

Mitochondrial Open Reading Frame Of The 12S rRNA-c (MOTS-c) Peptide | MOTS-c peptide

Synthetic Mitochondrial Open Reading Frame Of The 12S rRNA-c (MOTS-c)

CATALOG # AAA21116	REACTIVITY Homo sapiens (Human)	APPLICATIONS Immunogen, Blocking
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PRODUCT SYNONYMS

Mitochondrial Open Reading Frame Of The 12S rRNA-c (MOTS-c); Synthetic Mitochondrial Open Reading Frame Of The 12S rRNA-c (MOTS-c); MOTS-c peptide

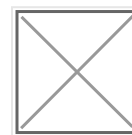
PRODUCT SPECIFICATIONS

Reactivity	Homo sapiens (Human)
Purity/Purification	>95%
Form/Format	10mM PBS, pH7.4.
Concentration	Original Concentration: 5mg/mL (varies by lot)
Sequence	MRWQEMGYIF YPRKLR
Applicable Applications for MOTS-c peptide	Immunogen, Blocking
Source	Synthetic Peptide
Residues	Met1-Arg16
Traits	Freeze-dried powder
Predicted isoelectric point	10.3
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°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.

IMAGES



Application Data
MASS Spectrometry



Application Data
HPLC

ADDITIONAL INFORMATION

Product Categories/Family for MOTS-c peptide	Developmental science
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1018737946
NCBI GeneID	4549
UniProt Accession #	A0A0C5B5G6
Molecular Weight	Predicted Molecular Mass: 2174.6Da
NCBI Official Full Name	Mitochondrial-derived peptide MOTS-c
NCBI Official Synonym Full Names	mitochondrially encoded 12S RNA
NCBI Official Symbol	MT-RNR1
NCBI Official Synonym Symbols	MTRNR1; RNR1
UniProt Protein Name	Mitochondrial-derived peptide MOTS-c
UniProt Gene Name	MT-RNR1

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/homo-sapiens-human-peptide/mitochondrial-open-reading-frame-of-the-12s-rna-c-mots-c/21116>