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

## SLPX211Hu01

#### Homo sapiens (Human)

Source	Peptide synthesis
Predicted Molecular Mass	2174.6Da
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	10.3
Applications	Immunogen; Blocking Peptide.

#### USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

#### STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at - 80°C for 12 months.

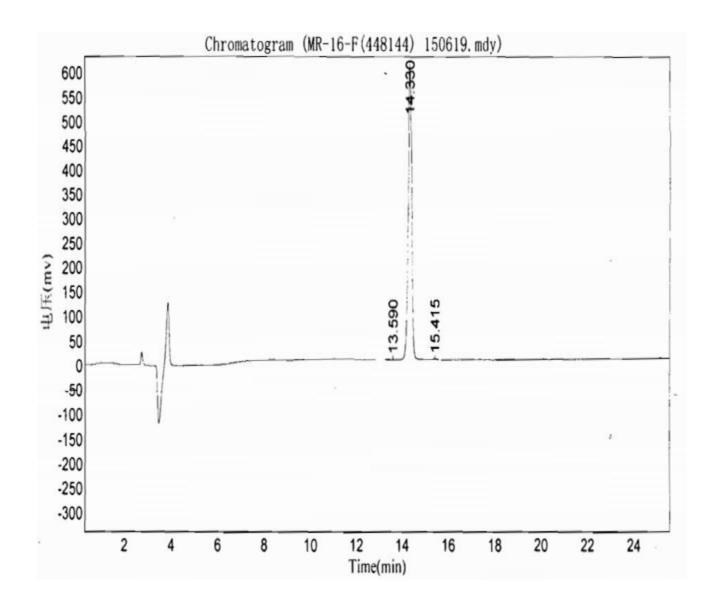
#### **STABILITY**

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.



19-Jun-2015 14:01:09			Probe: Cone:	ESI 50v	Capillary:3.00KV Extractor: 5v
Mitochondrial Open F 150619-MR-16 305 (5.6	Reading Frame Of The 12S	5 rRNA-c (MOTS-c) P150618-SY44	48144 MW:2174.64		Scan ES+
100 i 3-MR-10 303 (3.0	726.42				5.28e7
	[M+3H]3+				
%					
		[M+2H]2+			
		1088.82			
	1	1089.70			
491.04 620	08 657.69 733.73 788.15	944.79 1001.66 1100.16 1201.16	1378.85 1452.08 1506.42 1570	82 1751.64	1872.89 1992.75,
0			300 1400 1500 1600	1700 180	mvz

Mass spectrometry



### [IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.