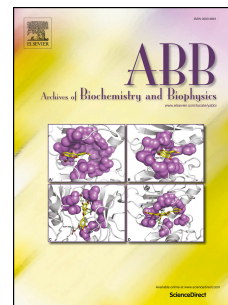


Accepted Manuscript

The alpha helix 1 from the first conserved region of HIV1 gp120 is reconstructed in the short NQ21 peptide

Vladislav Victorovich Khrustalev, Tatyana Aleksandrovna Khrustaleva, Ekaterina Yurievna Kahanouskaya, Yulia Anatolyevna Rudnichenko, Hanna Vitalyevna Bandarenka, Alexander Migranovich Arutyunyan, Kseniya Victorovna Girel, Nadia Vladimirovna Khinevich, Alexander Leonidovich Ksenofontov, Larisa Valentinovna Kordyukova



PII: S0003-9861(17)30477-0

DOI: [10.1016/j.abb.2017.12.004](https://doi.org/10.1016/j.abb.2017.12.004)

Reference: YABBI 7605

To appear in: *Archives of Biochemistry and Biophysics*

Received Date: 11 July 2017

Revised Date: 26 November 2017

Accepted Date: 5 December 2017

Please cite this article as: V.V. Khrustalev, T.A. Khrustaleva, E.Y. Kahanouskaya, Y.A. Rudnichenko, H.V. Bandarenka, A.M. Arutyunyan, K.V. Girel, N.V. Khinevich, A.L. Ksenofontov, L.V. Kordyukova, The alpha helix 1 from the first conserved region of HIV1 gp120 is reconstructed in the short NQ21 peptide, *Archives of Biochemistry and Biophysics* (2018), doi: 10.1016/j.abb.2017.12.004.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

The alpha helix 1 from the first conserved region of HIV1 gp120 is reconstructed in the short NQ21 peptide

Vladislav Victorovich Khrustalev^{1*}, Tatyana Aleksandrovna Khrustaleva², Ekaterina Yurievna Kahanouskaya¹, Yulia Anatolyevna Rudnichenko³, Hanna Vitalyevna Bandarenka⁴, Alexander Migranovich Arutyunyan⁵, Kseniya Victorovna Girel⁴, Nadia Vladimirovna Khinevich⁴, Alexander Leonidovich Ksenofontov⁵, Larisa Valentinovna Kordyukova⁵

¹Department of General Chemistry, Belarusian State Medical University, Minsk, Belarus, Dzerzinskogo 83

²Laboratory of Cellular Technologies, Institute of Physiology of the National Academy of Sciences of Belarus, Minsk, Belarus, Akademicheskaya 28

³Laboratory of Nutrition and Sports Physiology, Institute of Physiology of the National Academy of Sciences of Belarus, Minsk, Belarus, Akademicheskaya 28

⁴Laboratory of Materials and Structures of Nanoelectronics, R&D Department, Belarusian State University of Informatics and Radioelectronics, Minsk, Belarus, Brovkast. 6

⁵Belozersky Institute of Physico-Chemical Biology, Lomonosov Moscow State University, Leninskie Gory 1-40, Moscow 119991, Russia

***Corresponding author:**

VladislavVictorovich Khrustalev

address: Belarus, Minsk, 220029, Communisticheskaya 7-24;

telephone: +375296487795;

e-mail: vykhrustalev@mail.ru

Download English Version:

<https://daneshyari.com/en/article/8288831>

Download Persian Version:

<https://daneshyari.com/article/8288831>

[Daneshyari.com](https://daneshyari.com)