THE NativeAntigen COMPANY

Building B
Langford Locks
Kidlington
Oxfordshire
OX5 1LH
Telephone: +44(0)1865 595230

Certificate of Analysis

Name: human MXRA8, exodomain, C-terminal His-tag
Product code: REC31648-100
Batch #: 18082300P
Description: Recombinant human MXRA8 protein (NCBI accession number NP_115724.1, amino acids 1-341) produced in HEK293 cells. Protein contains a C-terminal 9 amino acid glycine-serine linker followed by a 6x His-tag.
Amount: 100µg
Protein conc.: 0.51 mg/ml
Purity: >95% pure
Presentation: Liquid, 0.2µm filter sterilised.
Buffer: DPBS pH7.4

Usage guidelines

Storage:	Short term: +2°C to +8°C Long Term: -80°C
Stability:	At +4°C: not determined At -80°C: not determined
Freezing:	Can be frozen, but avoid multiple freeze/thaw cycles

QC Officer

17th of September 2018
Date

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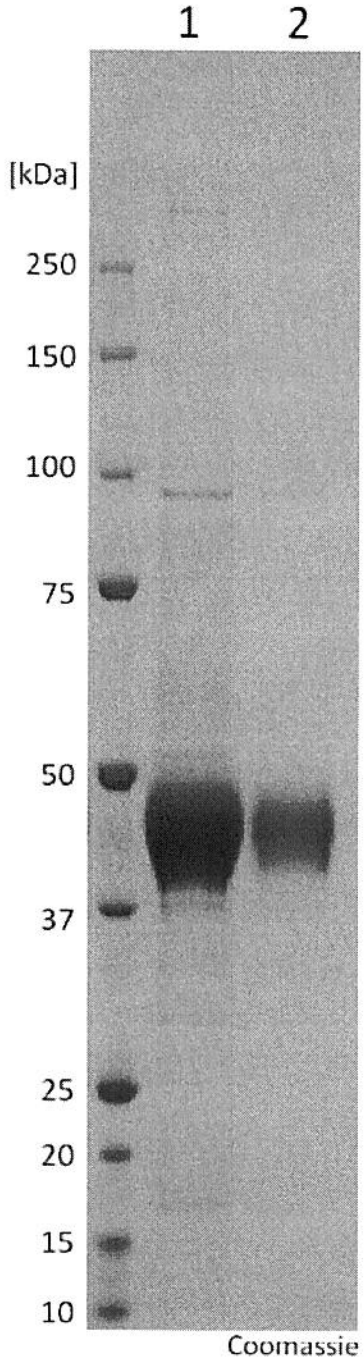

Coomassie

1: REC31648 batch 18082300P [4.5ug]
2: REC31648 batch 18082300P [0.9ug]

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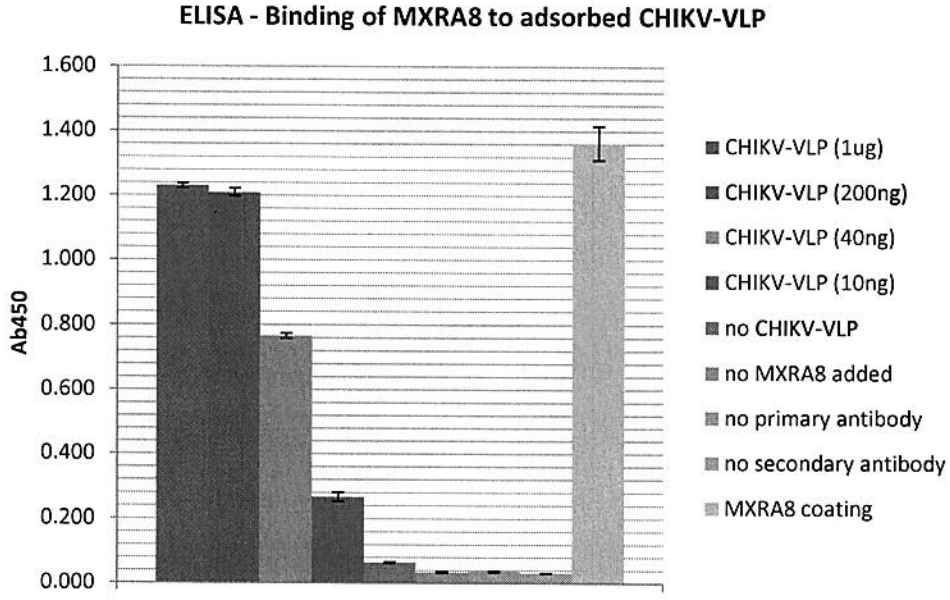

(a) Various amounts of The Native Antigen Company's CHIKV-VLP (1ug, 200ng, 40ng and 10ng per well) were coated onto a Maxisorp ELISA plate, then blocked with 2% BSA. After blocking the plate was incubated with 1ug/well of MRXA8 (REC31648). The plate was then probed for MXRA8 bound to CHIKV-VLP with a mouse anti-His-tag antibody as primary antibody and anti-mouse-IgG-HRP as secondary antibody. Coating of control wells (CHIKV-VLP for no MXRA8 added, no primary antibody and no secondary antibody controls, MXRA8 for MXRA8 coating) was done at 1ug of antigen per well.

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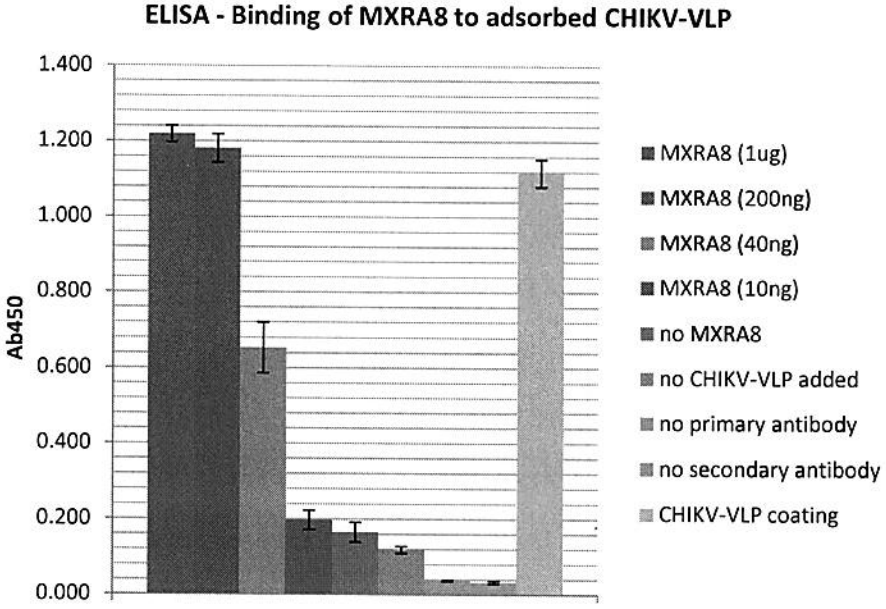

(b) Various amounts of The Native Antigen Company's MRXA8 (1ug, 200ng, 40ng and 10ng per well) were coated onto a Maxisorp ELISA plate, then blocked with 2% BSA. After blocking the plate was incubated with 1ug/well of MRXA8. The plate was then probed for CHIKV-VLP bound to MRXA8 with sheep anti-CHIKV-VLP polyclonal antibody as primary antibody and anti-sheep-IgG-HRP as secondary antibody. Coating of control wells (MRXA8 for no CHIKV-VLP added, no primary antibody and no secondary antibody controls, CHIKV-VLP for CHIKV-VLP coating) was done at 1ug of antigen per well.