

Product Datasheet

Recombinant Virus Chikungunya Virus E2 Fc Protein NBP3-14819-0.1mg

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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NBP3-14819-0.1mg

Recombinant Virus Chikungunya Virus E2 Fc Protein

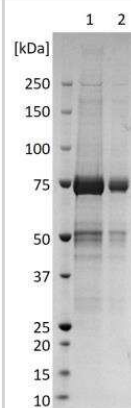
Product Information	
Unit Size	0.1 mg
Concentration	0.44 mg/ml
Storage	Store at 4C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>95%
Buffer	20mM HEPES, pH7.0, 300mM NaCl, 0.25% Triton X-100
Target Molecular Weight	69 kDa

Product Description	
Description	Recombinant gene product from Chikungunya virus (NCBI accession #: Q5XXP3.1, aa 326-693). A glycine-serine linker and Fc-tag was fused to the C-terminus of this recombinant protein. Tag: Human IgG1 Fc-tag
Species	Virus
Reactivity Notes	Chikungunya Virus (Senegal 37997 Strain)
Preparation Method	Chikungunya Virus E2 Envelope protein is produced in human cell lines using state-of-the-art expression techniques. This protein is prepared with a human IgG1 Fc-tag, and is purified by Protein A affinity chromatography. We also offer the protein with a mouse IgG2a Fc-tag for those customers where a human Fc-tag may interfere with their assays.

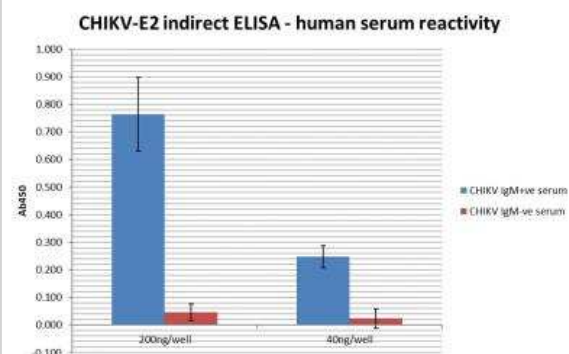
Product Application Details	
Applications	ELISA, SDS-Page
Recommended Dilutions	ELISA, SDS-Page
Application Notes	Ideal for use in detection of Chikungunya virus via IgG/IgM ELISA or rapid test device.

Images

SDS-Page: Chikungunya Virus E2 Recombinant Protein Antigen [NBP3-14819] - Reducing SDS-PAGE gel showing purified Chikungunya E2 envelope protein (Human Fc tag) running with an expected MW of approximately 70-75kDa.



ELISA: Chikungunya Virus E2 Recombinant Protein Antigen [NBP3-14819] - ELISA assay of purified Chikungunya virus E2 envelope protein (Human Fc tag), showing binding of Chikungunya IgM +ve patient sera.





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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