

Product Data Sheet

Biolinker / Av. Prof. Lineu Prestes, 2242 / São Paulo – SP / 05508-000 / Brazil
info@biolinker.tech / www.biolinker.tech
twitter: @biolinker_tech



[CHIKUNGYUA] E2 Protein

Product Reference: PEK#1014

E2 antigen His-Tag

Revision date: 08.06.2022
Version: 1.0

Product Data Sheet

Description	E2 Protein Chikunguya
Synonym(s)	CHIKG, E2 Protein, Chikunguya.
HS Code:	
Pack Size	1000 ul (microliter)
MW	32 kDa
Form	Liquid
Shipped in	Wet ice
Storage temp.	-20°C.
Expression System	Recombinant <i>Escherichia coli</i>
Purity	>85% (High-affinity Ni-NTA purification)
Impurities	>5.0 EU/μg protein (LAL test) endotoxin
GenBank Accession:	EF210157.2

Expanded Data Sheet

Construct	E2 Protein Chikunguya
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Expanded Data Sheet (continuation)

Tag(s)	N-terminal His-tag,
UniProt Number	2XFB
Stability	At least 12 months at -20°C.
Formulation	Phosphate pH7.5 and 10% Glycerol
Isoelectric point theoretical	8.7
Concentration	1 mg/ml (Bradford)

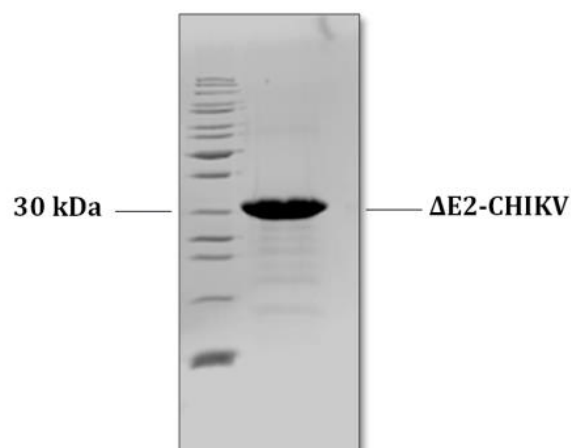
References <https://doi.org/10.1016/j.nano.2021.102445>

General description

Peptide E2 CHIKV with His-Tag is produced by a recombinant Escherichia coli expression system.

The Genbank Accession Number is EF210157.2. The protein construct also contains a N-terminal His-tag. Avoid repeated freeze-thaw cycles to retain maximum performance. After opening, prepare aliquots and store them at -20°C. The recombinant protein is ≥85% pure (High-affinity Ni-NTA purification).

Quality Control Data



SDS-Page Coomassie Staining (20%)
Western Blot

Reconstitution

Not applicable.

Storage and Stability

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This product is stable at -20°C for up to 12 months from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature.

Disclaimer

Unless otherwise stated in our catalog or other company documentation accompanying the product(s), our products are intended for research use only and are not to be used for any other purpose, which includes but is not limited to, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses or any type of consumption or application to humans or animals.

Data presented is the available current product information and provided as-is. These products have not been tested or verified in any additional applications, sample types, including any clinical use. Experimental conditions must be empirically derived by the user.