9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

Oropouche-NP

Oropouche Virus Nucleoprotein Recombinant
VAG0410

Product Overview

Name	Oropouche-NP
Description	
Oropouche Virus Nucleoprotein Recombinant	
Accession (Primary)	A4LA92
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
(1mg/1ml) in phosphate buffer saline and 25mM k 2 co 3 .	
Stability	
Recombinant Oropouche-NP although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.	
Purity	
Protein is >95% pure as determined by 10% PAGE (coomassie staining).	
Background	
Oropouche virus also known as OROV which is a part of the Peribunyaviridae, genus Orthobunyavirus family is an arthropod-borne virus. OROV transmitted to humans through the bite of infected mosquitoes, with Culicoides and Aedes species being the most common vectors. OROV is very popular in South America, mainly in Brazil and is associated with outbreaks of febrile illness, often accompanied by symptoms such as headache, muscle and joint pains and retro-orbital pain. The nucleoprotein (N) of OROV plays a main role in the virus's lifecycle by forming part of the viral ribonucleoprotein complex that encapsidates the viral RNA genome and is involved in different stages of viral replication.	
Precautions	
Oropouche-NP is for research use only and not for use in diagnostic or therapeutic procedures.	

Target Information: (A4LA92)

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