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Dengue NS1

Dengue Virus NS1 Recombinant
VAG0122

Product Overview

Name	Dengue NS1

Description

Dengue Virus NS1 Recombinant

Introduction

Caused by one of four closely related virus serotypes of the genus Flavivirus, family Flaviviridae, each serotype is sufficiently different that there is no cross-protection and epidemics caused by multiple serotypes (hyperendemicity) can occur. In cell culture experiments and mice Morpholino antisense oligos have shown specific activity against Dengue virus.

Formulation

PBS and 25mM K 2 CO 3 .

Stability

Dengue NS1 although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

Purity

Protein is >85% pure as determined by 10% SDS-PAGE (coomassie staining).

Amino acid sequence

DSGCVVSWKNKELKCGSGIFITDNVHTWTEQYKFQPESPSKLASAIQKAHEEGICGIRSVTRLENLMW
KQITPELNHILSENEVKLTIMTGDIKGIMQAGKRSLQPQPTELKYSWKTWGKAKMLSTESHNQTFLID
GPETAECPNTNRAWNSLEVEDYGFGVFTTNIWLKLREKQDVFCDSKLMSAAIKDNRAVHADMGYWIES
ALNDTWKIEKASFIEVKSCHWPKSHTLWSNGVLESEMIIPKNFAGPVSQHNYRPGYHTQTAGPWHLGK
LEMDFDFCEGTTVVVTEDCGNRGPSLRTTTASGKLITEWCCRSCTLPPLRYRGEDGCWYGMEIRPLKE
KEENLVNSLVTA

Applications

Immunoassay.

Precautions

Dengue NS1 is for research use only and not for use in diagnostic or therapeutic procedures.