

Non-structural polyprotein, partial Recombinant Protein | CHIKVgp1 recombinant protein

Recombinant Chikungunya virus Non-structural polyprotein, partial

CATALOG # AAA117236	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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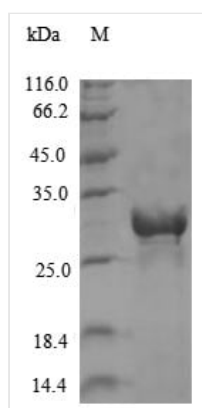
PRODUCT SYNONYMS

Non-structural polyprotein; partial; Recombinant Chikungunya virus Non-structural polyprotein; Polyprotein nsP1234; P1234Cleaved into the following 5 chains:: 1. P123; 2. mRNA-capping enzyme nsP1; EC=3. 2.1.1.-; EC=4. 2.7.7.-; Non-structural protein 1; Protease nsP2; EC=3.1.3.33; EC=3.4.22.-; EC=3.6.1.15; EC=3.6.4.13; No; CHIKVgp1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2228-2474aa; Partial
Sequence	DTVLETDIAS FDKSQDDSLA LTALMLLEDL GVDHSLLDLI EAAFGEISSC HLPTGTRFKF GAMMKSGMFL TLFVNTLLNI TIASRVLEDR LTKSACAAFI GDDNIIHGVV SDELMARCA TWMNMEVKII DAVVSQKAPY FCGGFILHDI VTGTACRVAD PLKRLFKLGK PLAAGDEQDE DRRRALADEV VRWQRTGLID ELEKAVYSRY EVQGISVVVM SMATFASSRS NFEKLRGPVV TLYGGPK
Sequence Length	2474
Species	Chikungunya virus (strain S27-African prototype) (CHIKV)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	22789217
NCBI GeneID	956309

NCBI Accession #	NP_690588.1
NCBI GenBank Nucleotide #	NC_004162.2
UniProt Accession #	Q8JUX6
Molecular Weight	31.1 kDa
NCBI Official Full Name	nonstructural polyprotein
NCBI Official Symbol	CHIKVgp1
NCBI Protein Information	contains nsp1, nsp2, nsp3, and nsp4 proteins; nonstructural polyprotein
UniProt Protein Name	Non-structural polyprotein
UniProt Gene Name	P1234
UniProt Synonym Gene Names	nsP2; nsP3; nsP4
UniProt Entry Name	POLN_CHIKS

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/p1234-recombinant-protein-e-coli/117236>