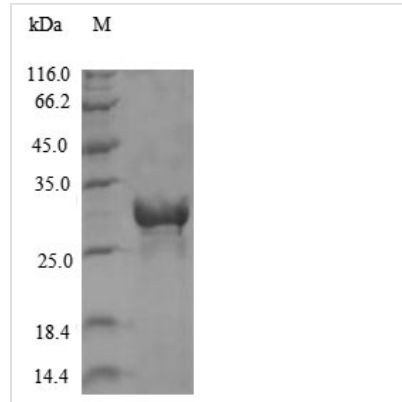




Recombinant Chikungunya virus Non-structural polyprotein?Partial

Product Code	CSB-EP810351CJAT
Abbreviation	Recombinant Chikungunya virus nsp4 protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q8JUX6
Alias	Polyprotein nsP1234
Product Type	Recombinant Protein
Immunogen Species	Chikungunya virus (strain S27-African prototype) (CHIKV)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	DTVLETDIASFDKSQDDSLALTALMLLEDLGVDHSLLDLIEAAFGEISSCHLPTG TRFKFGAMMKSGMFLTLFVNTLLNITIASRVLEDRLTKSACAAFIGDDNIIHGVV SDELMAARCATWMNMEVKIIDAVVSQKAPYFCGGFILHDIVTGTACRVADPLK RLFKLGKPLAAGDEQDEDRRRALADEVVRWQRTGLIDELEKAVYSRYEVQGIS VVVMSMATFASSRSNFEKLRGPVVTLYGGPK
Research Area	others
Source	E.coli
Protein Names	Recommended name: Non-structural polyprotein Alternative name(s): Polyprotein nsP1234 Short name= P1234 Cleaved into the following 5 chains: 1. P123 2. mRNA-capping enzyme nsP1 EC= 3. 2.1.1.- EC= 4. 2.7.7.- Alternative
Expression Region	2228-2474aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	31.1kDa
Protein Length	Partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.