



# Recombinant Yellow fever virus Genome polyprotein, partial

<b>Product Code</b>	CSB-EP365905YAC1
<b>Relevance</b>	Capsid protein C: Plays a role in virus budding by binding to the cell membrane and gathering the viral RNA into a nucleocapsid that forms the core of a mature virus particle. During virus entry, may induce genome penetration into the host cytoplasm after hemifusion induced by the surface proteins. Can migrate to the cell nucleus where it modulates host functions.
<b>Abbreviation</b>	Recombinant Yellow fever virus Genome polyprotein, partial
<b>Storage</b>	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.
<b>Uniprot No.</b>	P03314
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Yellow fever virus (strain 17D vaccine) (YFV)
<b>Purity</b>	≥ 85% as determined by SDS-PAGE.
<b>Sequence</b>	AHCIGITDRDFIEGVHGGTWVSATLEQDKCVTVMAPDKPSLDISLETVAIDRPA EVRKVCYNAVLTHVKINDKCPSTGEAHLAEENEGDNACKRTYSDRGWGNGC GLFGKGSIVACAKFTCAKSMSLFEVDQTKIQYVIRAQLHVGAKQENWNTDIKTL KFDALSGSQEVEFIGYGKATLECQVQTAVDGNSYIAEMETESWIVDRQWAQ DLTLPWQSGSGGVWREMHHLVEFEPHAATIRVLALGNQEGSLKTALTGAMR VTKDTNDNNLYKLHGGHVSCRVKLSALTLKGTSYKICTDKMFFVKNPTDTGHG TVVMQVKVSKGAPCRIPVIVADDLTAANKGILVTVNPASTNDDEVLIEVNPPFG DSYIIVGRGDSRLTYQWHKEGSSIGKLFTQTMKGVERLAVMGDTAWDFSSAG GFFTSVGKGIHTVFGSAFQGL
<b>Research Area</b>	Others
<b>Source</b>	E.coli
<b>Protein Names</b>	Core protein Matrix protein NS2A NS1 NS2A-alpha Flavivirin protease NS2B regulatory subunit Non-structural protein 2B Flavivirin protease NS3 catalytic subunit Non-structural protein 3 NS4A NS4B Non-structural protein 5
<b>Expression Region</b>	286-730aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 10xHis-GST-tagged and C-terminal Myc-tagged
<b>Mol. Weight</b>	78.4 kDa
<b>Protein Length</b>	Partial
<b>Image</b>	

