



# Recombinant Rotavirus A Non-structural protein 1

<b>Product Code</b>	CSB-BP727447RFU
<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>	Q65709
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rotavirus A (isolate RVA/Cow/United States/B223/1983/G10P8[11]) (RV-A)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MATFKDACYPH YKKNLNLNGL VLKLGANDAW RPAPVAKYKG WCLDCCQHTD LTYCRGCALF HVCQWCSRYN RCFLDEEPLH LRMRTFRNEI NKEDVEGLIN MYNIIFPINE RVVDKFINNV KQRKCRNELL IEWYNHLLLP ITLQALSIEL EGDVYYIFGY YDCMGKENQT PFHFVNMNR YDRLLLDDKN FDRMMHLPVA LQQEYALRYF SKSRFISQIK REMNRHDFSD NLMEERDNPM SFMQVTRNCV SAHMNDNDWN ERCKLIGDAR NYMELMKSAY TEHYSISNRC KLFTIYKLNI ISKLVKPNYI FSNHGLCALD VNNCKWCKID NHYEIWNDFR LRKIYNNMMN FIRALVKSNT NVGHCSSEL VYKCISSVFI VWKIEKWNS VRTLFEYLEP VEINHVEYVL LDHELWEMS GVIMQIMNGK VPRILSFDDV KKIMGAIYD WFDVRYMRET PVIVSTTNEL RKLNKDNNLM DGYDYELSDI E
<b>Source</b>	Baculovirus
<b>Protein Names</b>	Recommended name: Non-structural protein 1 Short name= NSP1 Alternative name(s): NCVP2 Non-structural RNA-binding protein 53 Short name= NS53
<b>Expression Region</b>	1-491
<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>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</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.