



Recombinant Rotavirus A Non-structural protein 1

Product Code	CSB-MP727447RFU
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.	Q65709
Product Type	Recombinant Protein
Immunogen Species	Rotavirus A (isolate RVA/Cow/United States/B223/1983/G10P8[11]) (RV-A)
Purity	≥85% (SDS-PAGE)
Sequence	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
Source	Mammalian cell
Protein Names	Recommended name: Non-structural protein 1 Short name= NSP1 Alternative name(s): NCVP2 Non-structural RNA-binding protein 53 Short name= NS53
Expression Region	1-491
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
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.