



Recombinant Variola virus Envelope protein F13 (C17L)

Product Code	CSB-EP330288VAR-B
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.	P33815
Product Type	Recombinant Protein
Immunogen Species	Variola virus (isolate Human/India/Ind3/1967) (VARV) (Smallpox virus)
Purity	≥85% (SDS-PAGE)
Sequence	MWPFTSAPAG AKCRLVETLP ENMDFRSDHL TTFECFNEII TLAKKYIYIA SFCCNPLSTT RGALIFDKLK EASEKGIIK VLLDERGKRN LGELQSHCPD INFITVNIDK KNNVGLLLGC FWVSDDERCY VGNASFTGGS IHTIKTLGVY SDYPPLATDL RRRFDTFKAF NSVKNSWLNL YSSACCLPVS TAYHIKNPIG GVFFTDSPDH LLGYSRDLDL DVVIDKLRLSA KTSIDIEHLA IVPTTRVDGN SYYWPDIYNS IIEAAINRGV KIRLLVGNWD KNDVYSMATA ESLDALCVQN DLSVKVFTIQ NNTKLLIVDD EYVHITSANF DGTHYQNHGF VSFNSIDKQL VSEAKKIFER DWVSSHSL KI
Source	E.coli
Target Names	C17L
Protein Names	Recommended name: Major envelope protein Alternative name(s): 37 kDa protein Palmitoylated EEV membrane protein p37K
Expression Region	1-372
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.