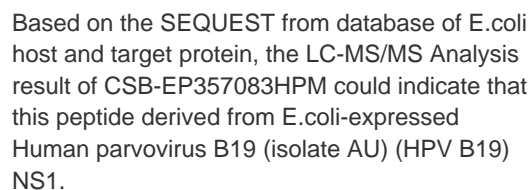
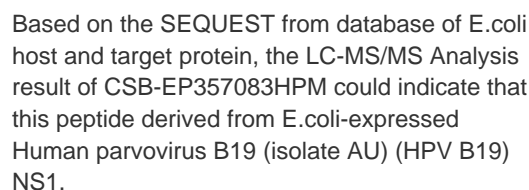




Recombinant Human parvovirus B19 Non-capsid protein NS-1 (NS1), partial

Product Code	CSB-EP357083HPM
Relevance	Seems necessary for viral DNA replication.
Abbreviation	Recombinant Human parvovirus B19 NS1 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.	P07298
Alias	NCVP1 Non-structural protein NS1
Product Type	Recombinant Protein
Immunogen Species	Human parvovirus B19 (isolate AU) (HPV B19)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MELFRGVLQVSSNVLDCANDNWWCSLLDLTSDWEPLTHTNRLMAIYLSSVA SKLDFTGGPLAGCLYFFQVECNKFEEGYHIHVVTGGPGLNPRNLTVCVEGLFN NVLYHLVTENVKLKFLPGMTTKGKYFRDGEQFIENYLMKKIPLNVVWCVTNIDG YIDTCISATFRRGACHAKKPRITTAINDTSSDAGESSGTGAEVVPFNGKGTKASI KFQTMVNWLCENRVFTEDKWKLVDNFNQYTLLSSSHSGSFQI
Research Area	Microbiology
Source	E.coli
Target Names	NS1
Protein Names	Recommended name: Non-capsid protein NS-1 Alternative name(s): NCVP1 Non-structural protein NS1
Expression Region	1-255aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	44.6kDa
Protein Length	Partial
Image	



The production of this recombinant HPV B19 NS1 protein is just like all recombinant proteins. The process involved transfecting E.coli cells with DNA vector containing the template of recombinant DNA. The E.coli cells containing the template were then cultured so that they could transcribe and translate the NS1 protein. N-terminal 6xHis-SUMO tag was used in the process. The purity is 0.9 determined by SDS-PAGE.

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

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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.