

Recombinant Parvovirus VP1 protein

Cat. No. VP1-255P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Parvovirus B19 VLP VP1 produced in e.coli contains 227 amino acids from the N-terminus of VP1 protein sequence. Parvovirus B19 VLP VP1/VP2 is purified by proprietary chromatographic techniques.
Species	Parvovirus
Source	E.coli
Description	The B19 virus, usually referred to as parvovirus B19 or sometimes as erythrovirus B19, belongs to the family of parvoviruses, genus erythrovirus. B19 virus causes a childhood rash named “fifth disease” or “erythema infectiosum” which is ordinarily known as “slapped cheek syndrome”. Erythroviruses are members of the Parvoviridae family of small DNA viruses. The B19 virus is a non-enveloped, icosahedral virus which contains a single-stranded linear DNA genome. Parvovirus B19 is classified as erythrovirus because of its capability to invade red blood cell precursors in the bone marrow. This virus is mainly spread by infected respiratory droplets; though, blood-borne transmission has also been reported.
Form	Sterile Filtered clear solution. Parvovirus B19 VLP VP1 protein solution is supplied in PBS pH 7.4 and 0.02% Sodium azide.
Purity	Greater than 90.0% as determined by 12% PAGE (coomassie staining).
Usage	The products are furnished for LABORATORY RESEARCH USE ONLY. The product

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.

Shipping

Ice Packs

GENE INFORMATION**Gene Name**

VP1 minor capsid protein [Human parvovirus B19]

Official Symbol

VP1

Synonyms

minor capsid protein; VP1; capsid protein 1

Gene ID

1489598

Protein Refseq

YP_004928146.1

UniProt ID

Q6TV11

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