

Recombinant Full Length Human parvovirus B19 VP2 Protein

Cat. No. VP2-09H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human parvovirus B19 capsid protein VP2 as virus-like particle (VLP). Recombinant antigen for in vitro research and manufacturing use only.
Species	Human parvovirus B19
Source	Insect Cells
ProteinLength	1-554 aa
Form	Light scattering properties of virus-like particles (VLPs) cause slight turbidity of product suspensions; this does not affect product quality.
Molecular Mass	61 kDa
Purity	SDS-PAGE (purity > 80%); Western blot with anti-Parvovirus B19 positive sample.
Storage	At -70 centigrade or below. Repeated freeze/thaw cycles should be avoided.
Reconstitution	Recommendations for storage buffer: neutral to slightly alkaline pH and 20% glycerol as cryoprotective agent.
Immunological function	Binds IgG- and IgM-type human antibodies.
Biochemical tests	SDS-PAGE (purity > 80%); Western blot with anti-Parvovirus B19 positive sample.

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

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

 45-1 Ramsey Road, Shirley, NY 11967, USA

Calculated isoelectric point	pH 6.40
------------------------------	---------

Immunological tests/Functionality	Immunodot analyses with positive/negative samples.
-----------------------------------	--

GENE INFORMATION

Gene Name	VP2 capsid protein 2 [Human parvovirus B19]
-----------	---

Official Symbol	VP2
-----------------	-----

Synonyms	VP2; capsid protein 2
----------	-----------------------

Gene ID	11293627
---------	----------

Protein Refseq	YP_004928148
----------------	--------------

UniProt ID	Q76T28
------------	--------

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

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

 45-1 Ramsey Road, Shirley, NY 11967, USA