Recombinant ParvoVirus B19 VP2 Protein

Cat. No. VP2-638P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant ParvoVirus B19 VP2 Protein was expressed in HEK 293 cells.
Species	ParvoVirus B19
Source	HEK293
Description	Virus-Like Particles (VLPs) are an emerging vaccine technology. VLPs consist of protein shells comprising outer proteins specific to the virus in question. VLPs are more representative of how viral antigens are presented in vivo and whilst they are highly immunogenic they are non-infectious as they lack the core genetic material of the virus. Another important advantage of VLPs is that they more effectively activate key aspects of the immune response to achieve potent immune stimulation and to provide immunological memory. VLP-based vaccines have also shown to provide effective protection and are in current use for several diseases and in development for many others.
Form	20m m Tris-HCl pH 7.9, 10mM NaCl, less than 0.1% PEG-8000
Purity	>95% pure by SDS-PAGE
Storage	Store at 4 centigrade for short term, or frozen at -20 centigrade to -80 centigrade for long term.
Concentration	1.33mg/ml

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GENE INFORMATION

Gene Name	VP2 major capsid protein [Human parvovirus B19]
Official Symbol	VP2
Synonyms	VP2; major capsid protein; capsid protein 2
Gene ID	11293627
Protein Refseq	YP_004928148.1
UniProt ID	Q76T28

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