

Recombinant Monkeypox virus M4R Protein, His-tagged

Cat. No. M4R-01M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant monkeypox virus (Strain Zaire-96-I-16) VP8 (L4R, P25K) protein, comprising amino acids 33-251 and incorporating a C-terminal 6XHis tag, produced in E. coli.
Species	MPX
Source	E.coli
Description	Monkeypox is a zoonotic virus of the orthopoxvirus genus of the Poxviridae family, and is typically endemic in Central and West Africa. The main animal reservoir has not been conclusively determined but is considered to be rodents. Animal to human and human to human transmission requires close contact with bodily fluids or respiratory secretions.
Purity	>95%
Storage Buffer	20 mM HEPES, 150 mM NaCl, 2 M urea pH 8.0.

GENE INFORMATION

Gene Name	M4R M4R [Monkeypox virus Zaire-96-I-16]
Official Symbol	M4R
Synonyms	M4R; MPXVgp083; similar to Vaccinia virus strain Copenhagen L4R; virion core

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protein; ssDNA binding; stimulation of I8R helicase activity; Core protein VP8

Gene ID [928943](#)

Protein Refseq [NP_536510](#)

UniProt ID [Q5IXU2](#)

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