

Recombinant Monkeypox Virus I7L Protein, His tagged

Cat. No. MPXV-0586 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Monkeypox Virus I7L Protein with His-tag was expressed in E. coli.
Species	MPX
Source	E.coli
Molecular Mass	The protein has a calculated MW of 50 kDa.
AA Sequence	MERYTDLVISKIPELGFTNLLCHYISLAGLCSNIDVSKFLTNCNGYVVEKYDKSTTAGK VSCIPIGMMLELVESGHLSPNSSDELQKKELTDELTRYHSIYDVFEPLTSIPLAYF FKPQLREKVSKAIDFSQMDLKIDDLRKGHTGENPKVVKMKIEPERGAWMSNRSIK NLVSQFAYGSEVDYIGQFDMRFLNSLAIHEKFDAFMNKHILSYILKDKIKSSTSRFVMF GFCYLSHWKCVIYDKKQCLVSFYDSGGNIPTEFHYNFYFYSFSDGFNTNHRHSV LDNTNCDIDVLFRRFFECTFGAKIGCINVEVNQLLESECGMFISLFMILCTRTPPKSFKS LKKVYTFFKFLADKKMTLFSILFNLQDLSLYITETDNAGLKEYKRMEKWTKKSinVIC DKLTTKLNRIVDDDEHHHHHH
Purity	> 90% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	0.34 mg/mL
Storage Buffer	25mM Tris, pH 6.8, 150mM NaCl, 0.1% SKL

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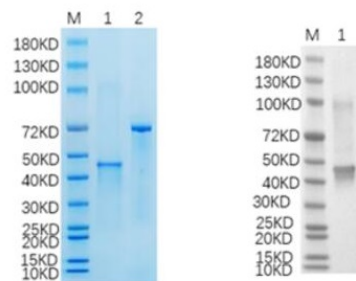
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GENE INFORMATION

Gene Name	OPG083 Viral core cysteine proteinase [Monkeypox virus]
Official Symbol	OPG083
Synonyms	OPG083; Viral core cysteine proteinase; Taxonomic breadth: chordopoxvirinae; Old product: I7L; virion core protein; similar to DNA topoisomerase II; Virion core cysteine protease; similar to VACV-WR I7L and VACV-Cop I7L
Gene ID	929056
Protein Refseq	NP_536495
UniProt ID	A0A0F6N6K4

SDS-PAGE and WB analysis profiles of purified MPXV-0586



1. MPXV
2. BSA

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