

Recombinant Monkeypox virus B5R Protein, His and Sumo-tagged

Cat. No. B5R-221M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Monkeypox virus B5R Protein with His and Sumo tag was expressed in E. coli.
Species	MPX
Source	E.coli
Description	Monkeypox is a rare zoonosis caused by monkeypox virus, which has become the most serious orthopoxvirus and consists of complex double stranded DNA. The cases are mostly in central and western Africa. The pathogenesis of monkeypox is that the virus invades the body from respiratory mucosa , multiplies in lymphocytes, and incurs into blood producing transient venereal toxemia. after the virus multiplies in cells, the cells can invade the blood and propagate to the skin of the whole body, causing lesions.
Molecular Mass	~53 kDa
AA Sequence	HMDFFKKEILDWSIYFLHYITRLCSNSSNSSTSHIIQEYNLVRKYEKVDKTIVDFLSR WPNLFHILEYGENILHIYFIDAANTNIMIFFLDRVLNINKNRGSFIHNLGLSSINIKEYVY QLVNNDHLDNSIRLMLENGRRTRHFLSYILDTVNIYISILINHRFYIDAEDSYGCTLLHR CIYNYRKSESESYNELIKILLNNGSDVDKKDYGNTPFILLCKHDIDNAELFEICLENAN IDSVDENGYTPLHYVSCRNKYDFVKLLISKGANVNARNRFGTTPFYCGIIHGISLIKLYL ESDTELEIDNEHIVRHLIIFDAVESLDYLLSRGVIDINYRTIYNETSIYDAVSYNAYNTLV

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YLLNRNGDFETITTS GCTCISEAVANNNKIIMDILLSKRPSLKIMIPSMIAITKHKQHNAD
 LLKMCIKYTACMTDYDTLIDVQSLHQYKWYILKCFDEIDIMKRCYIKNKT V FQLVFCIK
 DINTLMRYGRHPSFVKCNILDVYGSHVRNIIASIRYRQRLISLLSKKLDAGDKWSCFP
 NEIKYKILENFNDNELTTYLKILLE

Purity

Transferred into competent cells and the supernatant was purified by NI column affinity chromatography and the purity is > 85% (by SDS-PAGE).

Notes

For research use only, not for use in diagnostic procedure.

Storage

Store at 4 centigrade short term. Aliquot and store at -20 centigrade long term. Avoid freeze-thaw cycles.

Storage Buffer

0.5M Urea, pH7.4

GENE INFORMATION

Official Symbol

B5R

Synonyms

B5R

UniProt ID

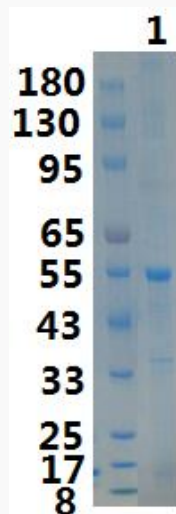
[Q3I8J3](#)

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SDS-PAGE



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