BioVendor - Laboratorní medicína a.s.
Karásek 1767/1
621 00 Brno-Řečkovice a Mokrá Hora

Date of issue: 01.09.2020

PRODUCT DATASHEET

EBV EBNA-1 E. coli

Cat. No.: RD972344100
Type: Recombinant protein
Size: 0.1 mg
Source: E. coli
Species: EB virus

Description
Total 242 AA. MW: 25.9 kDa (calculated). UniProtKB acc. no. P03211 (His407-Glu641). N-terminal His-tag (7 extra AA). Protein identity confirmed by LC-MS/MS.

Other names
Epstein-Barr virus nuclear antigen 1, EBNA1, BKRF1

Amino Acid sequence
MKHHHHHHPV GEADYFEYHQ EGGPDGEPDV PPGAIEQGPA DDPGEGPSTG PRGQGDGGRR KKGGWFGKHR GQGGSNPKFE NIAEGLRALL ARSHVERTTD EGTWVAGVFV YGGSKTSLYN LRRGTALAIP QCRLTPLSRL PFGMAPGPGP QPGPLRESIV CYFMVFLQTH IFAEVLKDAI KDLVMTKPAP TCNIRVTVCS FDDGVDLPPW FPPMVEGAAA EGDDGDDGDE GGDGDEGEEG QE

Purity
Purity as determined by densitometric image analysis: >95%

Endotoxin
< 1.0 EU/µg

Formulation:
Filtered (0.4 µm) and lyophilized from 0.5 mg/ml solution in phosphate buffered saline pH 7.4

Reconstituion:
Add deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely.

Shipping
At ambient temperature. Upon receipt, store the product at the temperature recommended below.

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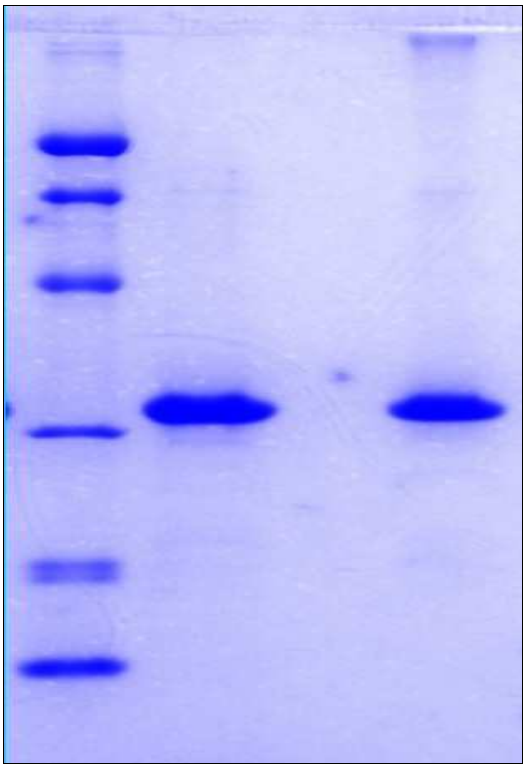
Storage, Stability/Shelf Life
Store the lyophilized protein at –80 °C. Lyophilized protein remains stable until the expiry date when stored at –80 °C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at –80 °C for long term storage. Reconstituted protein can be stored at 4 °C for a week.

Applications
ELISA, Western blotting

Note
This product is intended for research use only.



14 % SDS-PAGE separation of EBV EBNA-1:
1. M.W. marker – 14, 21, 31, 45, 66, 97 kDa
2. Reduced and boiled sample, 2.5 µg/lane
3. Non-reduced and non-boiled sample, 2.5 µg/lane

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