

## PRODUCT DATA SHEET

### EBV EBNA-1 E. coli

**Cat. No.:** RD972344100

**Size:** 0.1 mg

**Source:** E. coli

**Type:** Recombinant protein

**Species:** EB virus

#### Other Names:

Epstein-Barr virus nuclear antigen 1, EBNA1, BKRF1

#### 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 MS.

#### Amino Acid Sequence:

MKHHHHHHHPV GEADYFEYHQ EGGPDGEPDV PPGAIEQGPA DDPGEGPSTG PRGQGDGRR  
KKGWFGKHR GQGGSNPKFE NIAEGLRALL ARSHVERTD EGTWVAGVFV YGGSKTSLYN  
LRRGTALAIP QCRLTPLSRL PFGMAPGPGP QGPLRESIV CYFMVFLQTH IFAEVLKDAI  
KDLVMTKPAP TCNIRVTVCS FDDGVDLPPW FPPMVEGAAA EGDDGDDGDE GGDGDEGEEG QE

#### Purity:

> 90 % by SDS-PAGE

#### 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

#### Reconstitution:

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.

#### Storage/Stability:

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.