

Recombinant EBV EBNA1 Protein, C-His tagged

Cat. No. EBNA1-748H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant EBNA1 Protein with C-His tag was expressed in HEK293T.
Species	EBV
Source	HEK293T
ProteinLength	459-641 aa
Description	The presence of the Epstein-Barr virus (EBV)-encoded nuclear antigen-1 (EBNA1) protein in all EBV-carrying tumours constitutes a marker that distinguishes the virus-associated cancer cells from normal cells and thereby offers opportunities for targeted therapeutic intervention. EBNA1 is essential for viral genome maintenance and also for controlling viral gene expression and without EBNA1, the virus cannot persist.
AASequence	MRKKGGWFGKHRGQGGSNPKFENIAEGLRALLARSHVERTTDEGTWVAGVFVYG GSKTSLYNLRRGTALAIPQCRLTPLSRLPFGMAPGPGPQGPLRESIVCYFMVFLQT HIFAEVLKDAIKDLVMTKPAPTCNIRVTVCSFDDGVDLPPWFPPMVEGAAAEGDDGD DGDEGGDGDEGEEGQELVPRGSHHHHHHGSWSHPQFEK
Molecular Mass	22 kDa
Endotoxin	< 0.01 EU/μg by LAL
Purity	> 90% by SDS-PAGE

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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.

Storage Buffer

Sterile 50mM PB, 500mM NaCl, pH7.4

Concentration

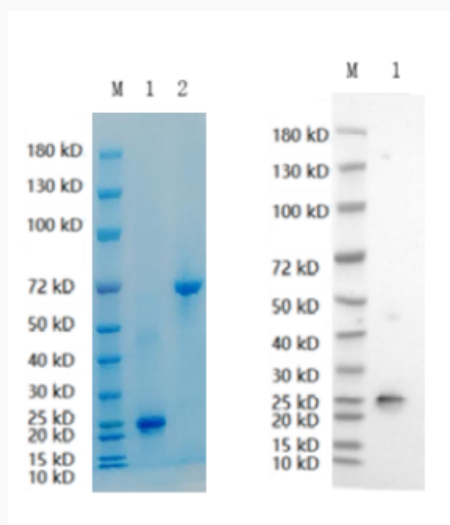
0.3 mg/mL by BCA

GENE INFORMATION
Official Symbol

EBNA1

Synonyms

EBNA1; Epstein-Barr virus (EBV)-encoded nuclear antigen-1

SDS-PAGE and WB


Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal antibody) analysis profiles of purified EBNA1. 1. EBNA1: 1 µg 2. BSA: 1 µg

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