

Recombinant Epstein-Barr virus DNA polymerase catalytic subunit (BALF5) ,partial

Catalog No: #AP71109

Package Size: #AP71109-1 20ug #AP71109-2 100ug #AP71109-3 1mg

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Description

Product Name	Recombinant Epstein-Barr virus DNA polymerase catalytic subunit (BALF5) ,partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-210aaSequence Info:Partial
Accession No.	P03198
Calculated MW	39.2 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MSGGLFYNPFLRPNKGLLKPDKEYLRLIPKCFQTPGAAGVVDVRGPQPPLCFYQDSLTVVGGDEDGKGMW WRQRAQEGTARPEADTHGSPLDFHVDILETVYTHEKCAVIPSDKQGYVVP CGIVIKLLGRRKADGASVCNV FGQQAYFYASAPQGLDVEFAVLSALKASTFDRRTPCRVSVEKVTRRSIMGYGNHAGDYHKITLSHP
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Replicates viral genomic DNA in the late phase of lytic infection, producing long concatemeric DNA. The replication complex is composed of six viral proteins: the DNA polymerase, processivity factor, primase, primase-associated factor, helicase, and ssDNA-binding protein.

References

A functional and structural basis for TCR cross-reactivity in multiple sclerosis.Lang H.L.E., Jacobsen H., Ikemizu S., Andersson C., Harlos K., Madsen L., Hjorth P., Sondergaard L., Svejgaard A., Wucherpfennig K., Stuart D.I., Bell J.I., Jones E.Y., Fugger L.Nat. Immunol. 3:940-943(2002)Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.