



Recombinant Vaccinia virus DNA topoisomerase 1B (OPG111)

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|--------------------------|---|
| Product Code | CSB-YP303073VAA |
| 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. |
| Uniprot No. | P68697 |
| Storage Buffer | Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0 |
| Product Type | Recombinant Proteins |
| Immunogen Species | Vaccinia virus (strain Copenhagen) (VACV) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MRALFYKDGK LFTDNNFLNP VSDDNPAYEV LQHVKIPTHL TDVVVYEQTW EEALTRLIFV GSDSKGRRQY FYGKMHVQNR NAKRDRIQVYR VYNVMKRINC FINKNIKKSS TDSNYQLAVF MLMETMFFIR FGKMKYLKEN ETVGLLTLKN KHIEISPDEI VIKFVGKDKV SHEFVVHKS N RLYKPLLKLT DDSSPEEFLF NKLSEKQVYE CIKQFGIRIK DLRTYGVNYT FLYNFWTNVK SISPLPSPKK LIALTIKQTA EVVGHTPSIS KRAYMATTIL EMVKDKNFLD VVSKTTTFDEF LSIVVDHVKS STDG |
| Source | Yeast |
| Target Names | OPG111 |
| Protein Names | Recommended name: DNA topoisomerase 1B Short name= Top1B EC= 5.99.1.2 Alternative name(s): DNA topoisomerase I Late protein H6 |
| Expression Region | 1-314 |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | Tag type will be determined during the manufacturing process. |
| Protein Length | full length protein |
| Reconstitution | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference. |
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