



Recombinant Vaccinia virus DNA topoisomerase 1B (OPG111)

Product Code	CSB-MP303073VAA
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	Mammalian cell
Target Names	OPG111
Protein Names	Recommended name: DNA topoisomerase 1B Short name= Top1B EC= 5.99.1.2Alternative 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.
Shelf Life	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.