



Recombinant Mouse DNA polymerase iota (Poli)

Product Code	CSB-MP750922MO
Abbreviation	Poli
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.	Q6R3M4
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	MEPLHAGAAG SSRAVCSQGP PTQISSRVI VHVDLDCFYA QVEMISNPEL KDRPLGVQQK YLVVTCNYEA RKLGVKLMN VRDAKEKCPQ LVLVNGEDLS RYREMSYKVT ELLEEFSPAV ERLGFDENFV DLTEMVEKRL QQLPSEEVPS VTVFGHVYNN QSVNLHNIMH RRLVVGSQIA AEMREAMYNQ LGLTGCAGVA PNKLLAKLVS GVFKPNQQTV LLPESCQHLI HSLNHIKEIP GIGYKTAKRL EVLGINSVHD LQTFPIKTLE KELGIAIAQR IQQLSFGEDK SPVTPSGPPQ SFSEEDTFKK CSSEVEAKAK IEELLSSLLT RVCQDGRKPH TVRLVIRRY DKHCNRESRQ CIPSHVIQK LGTGNHDSMP PLIDILMKLF RNMVNVKMPF HLTLMSVCFC NLKALSSAKK GPMDCYLTSL STPAYTDKRA FKVKDTHTED SHKEKEANWD CLPSRRIEST GTGESPLDAT CFPKEKDTSD LPLQALPEGV DQEVFKQLPA DIQEEILYGK SRENKKGKGS LSCPLHASRG VLSFFSTKQM QASRLSPRDT ALPSKRVSAA SPCEPGTSGL SPGSTSHPSC GKDCSYIIDS QLKDEQTSQG PTESQGCQFS STNPAVSGFH SFPNLQTEQL FSTHRTVDSH KQTATASHQG LESHQGLESR ELDSAEEKLP FPPDIDPQVF YELPEEVQKE LMAEWERAGA ARPSAHR
Source	Mammalian cell
Target Names	Poli
Protein Names	Recommended name: DNA polymerase iota EC= 2.7.7.7 Alternative name(s): Rad30 homolog B
Expression Region	1-717
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

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