



Recombinant DNA-directed RNA polymerase subunit alpha (rpoA)

Product Code	CSB-EP733387SMZ
Abbreviation	rpoA
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.	Q5XEA9
Product Type	Recombinant Protein
Immunogen Species	Streptococcus pyogenes serotype M6 (strain ATCC BAA-946 / MGAS10394)
Purity	≥85% (SDS-PAGE)
Sequence	MIEFEKPIIT KIDENKDYGR FVIEPLERGY GTTLGNSLRR VLLSSLPGAA VTSIKIDGVL HEFDTIPGVR EDVMQIILNV KGLAVKSYVE DEKIIIELEVE GPAEVTAGDI LTDSDIELVN PDHYLFTIAE GHSLRATMTV AKKRGYVPAE GNKKDDAPVG TLAVDSIYTP VKKVNYQVEP ARVGSNDGFD KLTIEIMTNG TIIPEDALGL SARVLIEHLN LFTDLTEVAK ATEVMKETEK VNDEKVLDR IEELDLSVRS YNCLKRAGIN TVFDLTEKSE PEMMKVRNLG RKSLEEVKVK LADLGLGLKN DK
Source	E.coli
Target Names	rpoA
Protein Names	Recommended name: DNA-directed RNA polymerase subunit alpha Short name= RNAP subunit alpha EC= 2.7.7.6 Alternative name(s): RNA polymerase subunit alpha Transcriptase subunit alpha
Expression Region	1-312
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.