



Recombinant *Serratia marcescens* Nuclease (nucA)

Product Code	CSB-MP319580SYN
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.	P13717
Product Type	Recombinant Protein
Immunogen Species	<i>Serratia marcescens</i>
Purity	>85% (SDS-PAGE)
Sequence	DTLESIDNC AVGCPTGGSS NVSIVRHAYT LNNNSTTKFA NWWAYHITKD TPASGKTRNW KTDPALNPAD TLAPADYTGA NAALKVDRGH QAPLASLAGV SDWESLNYLS NITPQKSDLN QGAWARLEDQ ERKLIDRADI SSVYTVTGPL YERDMGKLPG TQKAHTIPSA YWKVIFINNS PAVNHYAAFL FDQNTPKGAD FCQFRVTVDE IEKRTGLIHW AGLPDDVQAS LKSKPGVLPE LMGCKN
Source	Mammalian cell
Target Names	nucA
Protein Names	Recommended name: Nuclease EC= 3.1.30.2 Alternative name(s): Endonuclease Cleaved into the following 3 chains: 1. Nuclease isoform Sm2 2. Nuclease isoform Sm3 3. Nuclease isoform Sm1
Expression Region	22-266
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 of Mature 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.