



Recombinant Methanocaldococcus jannaschii

Putative type-2 restriction enzyme MjaVIP

(mjaVIRP)

Product Code	CSB-YP305576MRU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P81326
Product Type	Recombinant Protein
Immunogen Species	Methanocaldococcus jannaschii (strain ATCC 43067 / DSM 2661 / JAL-1 / JCM 10045 / NBRC 100440) (Methanococcus jannaschii)
Purity	>85% (SDS-PAGE)
Sequence	MLHFGGFIME INHISKILEK EREEYIRNKV EEYLKQGFSK DDAVNKANQS WRTYIGHRIQ DVIYNLLKKF LKDSGLKVTT DKALNNRNLP EELDKVKRLI AINYGEYFL PDADVIVYKV ENNDIKIIAI ISVKNSFRER RFETTYWKLK LKESPVTSHI KVFLATPKD NEISYKCPNG KPKKMRILE YELDGIYFLK EDFEETEKAK HFGKIVEDII EISKKL
Source	Yeast
Target Names	mjaVIRP
Protein Names	Recommended name: Putative type-2 restriction enzyme MjaVIP Short name= R.MjaVIP EC= 3.1.21.4 Alternative name(s): Endonuclease MjaVIP Type II restriction enzyme MjaVIP
Expression Region	1-226
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.