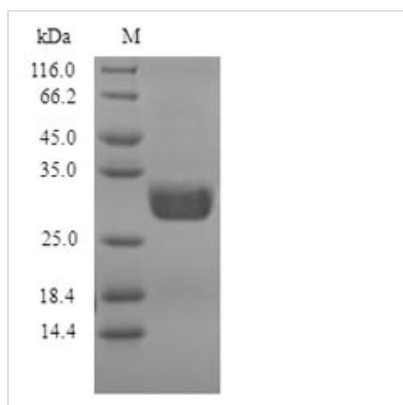




Recombinant *Penicillium citrinum* Nuclease P1

Product Code	CSB-YP328459PEU
Relevance	Hydrolyzes only single-stranded DNA and RNA without apparent specificity for bases.
Abbreviation	Recombinant <i>Penicillium citrinum</i> Nuclease P1 protein
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.	P24289
Alias	Deoxyribonuclease P1 Endonuclease P1
Product Type	Recombinant Protein
Immunogen Species	<i>Penicillium citrinum</i>
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	WGALGHATVAYVAQHYSPEAASWAQGILGSSSSSYLASIASWADEYRLTSA GKWSASLHFIDAEDNPPTNCNVDYERDCGSSGCSISAIANYTQRVSDSSLSE NHAEALRFLVHFIGDMTQPLHDEAYAVGGNKINVTDFGYHDNLHSDWDTYMP QKLIGGHALSDAESWAKTLVQNIESGNYTAQAIGWIKGDNISEPITTATRWASD ANALVCTVVMPHGAAALQTGDLYPTYYDSVIDTIELQIAKGGYRLANWINEIHG SEIAK
Research Area	Others
Source	Yeast
Protein Names	Recommended name: Nuclease P1 EC= 3.1.30.1 Alternative name(s): Deoxyribonuclease P1 Endonuclease P1
Expression Region	1-270aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	31.2kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.