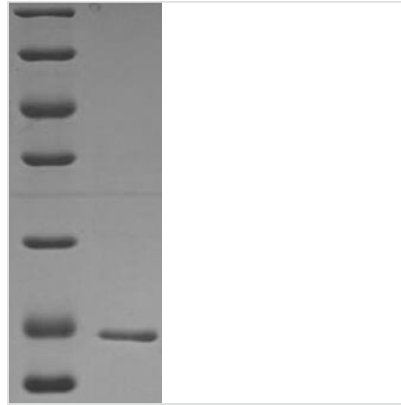




Recombinant Bacillus subtilis Sporulation-specific extracellular nuclease (nucB)

Product Code	CSB-YP337282BRJ
Relevance	Degrades both double-stranded linear and covalently closed circular DNA. Likely to play a scavenging role in order to supply nutrients under starvation conditions.
Abbreviation	Recombinant Bacillus subtilis nucB 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.	P42983
Product Type	Recombinant Protein
Immunogen Species	Bacillus subtilis (strain 168)
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	SYDKVLYFPLSRYPETGSHIRDAIAEGHPDICTIDRDGADKRREESLKGIPKPG YDRDEWPMVCEEGGAGADVRYVTPSDNRGAGSWVGNQMSSYPDGTRVLF IVQ
Research Area	Others
Source	Yeast
Target Names	nucB
Protein Names	Recommended name: Sporulation-specific extracellular nuclease EC= 3.-.-.-
Expression Region	29-136aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag-Free
Mol. Weight	12.0 kDa
Protein Length	Full Length of Mature Protein
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 $-20^{\circ}\text{C}/-80^{\circ}\text{C}$. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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