



Recombinant Bacillus subtilis NH (3)-dependent NAD (+) synthetase

Product Code	CSB-MP362343BRJ
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.	P08164
Product Type	Recombinant Protein
Immunogen Species	Bacillus subtilis (strain 168)
Purity	>85% (SDS-PAGE)
Sequence	SMQEKIMRE LHVKPSIDPK QEIEDRVNFL KQYVKKTGAK GFVLGISGGQ DSTLAGRLAQ LAVESIREEG GDAQFIIVRL PHGTQQDEDD AQLALKFIKP DKSWKFDIKS TVSAFSDQYQ QETGDQLTDF NKGNVKARTR MIAQYAIGGQ EGLLVLGTDH AAEAVTGFFT KYGDGGADLL PLTGLTKRQG RTLLKELGAP ERLYLKEPTA DLLDEKPQQS DETELGISYD EIDDYLEGKE VSAKVSEALE KRYSMTEHKR QVPASMFDDW WK
Source	Mammalian cell
Target Names	nadE
Protein Names	Recommended name: NH(3)-dependent NAD(+) synthetase EC= 6.3.1.5 Alternative name(s): General stress protein 38 Short name= GSP38 Spore outgrowth factor B Sporulation protein outB
Expression Region	2-272
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.