



Recombinant *Bacillus caldolyticus* Thermolysin (npr)

Product Code	CSB-YP685399BAI
Abbreviation	npr
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.	Q59193
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	<i>Bacillus caldolyticus</i>
Purity	≥85% (SDS-PAGE)
Sequence	AG TSTVGVGRGV LGDQKYINTT YSSYYGYYL QDNTRGSGIF TYDGRNRTVL PGSLWADGDN QFFASYDAAA VDAHYYAGVV YDYYKNVHGR LSYDGSNAAI RSTVHYGRGY NNAFWNGSQM VYGDGDGQTF LPFSGGIDVV GHELTHAVTD YTAGLVYQNE SGAINAMSD IFGTLVEFYA NRNPDWEIGE DIYTPGIAGD ALRSMSPAK YGDPDHYSKR YTGTQDNGGV HTNSGIINKA AYLLSQGGVH YGVSVTGIGR DKMGKIFYRA LVYYLTPTSNS FSQLRACVQ AADLYGSTS QEVNSVKQAF NAVGVY
Source	Yeast
Target Names	npr
Protein Names	Recommended name: Thermolysin EC= 3.4.24.27 Alternative name(s): Thermostable neutral proteinase
Expression Region	229-546
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.