



Recombinant Carica papaya Papain

Product Code	CSB-EP365471DQH-B
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.	P00784
Product Type	Recombinant Protein
Immunogen Species	Carica papaya (Papaya)
Purity	>85% (SDS-PAGE)
Sequence	IPEYVDW RQKGAVTPVK NQGSCGSCWA FSAVVTIEGI IKIRTGNLNE YSEQELLDCD RRSYGCNGGY PWSALQLVAQ YGIHYRNTYP YEGVQRYCRS REKGPYAAKT DGVRQVQPIN EGALLYSIAN QPVSVVLEAA GKDFQLYRGG IFVGPCGNKV DHAVAAVGYG PNYILIKNSW GTGWGENGYI RIKRGTGNSY GVCGLYTSSF YPVKN
Source	E.coli
Protein Names	Recommended name: Papain EC= 3.4.22.2 Alternative name(s): Papaya proteinase I Short name= PPI Allergen= Car p 1
Expression Region	134-345
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.