



Recombinant Escherichia coli Protease 4 (sppA)

Product Code	CSB-EP362416ENV
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.	P08395
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	≥85% (SDS-PAGE)
Sequence	MRTLWRFIAGFFKWTWRLNLFVREMLNLFIFLVLVGVGIWMQVSGGDSKET ASRGALL LDISGVIVDKPDSSQRFSKLSRQLLGASSDRLQENSLFDIVNTIRQAKDDRITG IVMDL KNFAGGDQPSMQYIGKALKEFRDSGKPVYAVGENYSQGQYYLASFANKIWLS PQGVVDLH GFATNGLYYKSLLDKLVSTHVFRVGTYSKSAVEPFIRDDMSPAAREADSRWIG ELWQNYL NTVAANRQIPAEQVFPGAQGLLEGLTKTGDTAKYALENKLVDALASSAEIEKA LTKEFG WSKTDKNYRAISYYDYALKTPADTGDSIGVVFANGAIMDGEETQGNVGGDTTA AQIRDAR LDPKVKAIVLRVNSPGGSVTASEVIRAEALAAARAAGKPVVSMGGMAASGGY WISTPANY IVANPSTLTGSIGIFGVITTVENSLDSIGVHTDGVSTSPPLADVSITRALPPEAQLM MQLS IENGYKRFITLVADARHSTPEQIDKIAQGHVWTGQDAKANGLVDSLGFDDAV AKAAELA KVKQWHLEYVDEPTFFDKVMDNMSGSVRAMLPDAFQAMLPAPLASVASTV KSESDKLAA FNDPQNRYAFCLTCANMR
Source	E.coli
Target Names	sppA
Protein Names	Recommended name: Protease 4 EC= 3.4.21.- Alternative name(s): Endopeptidase IV Protease IV Signal peptide peptidase
Expression Region	1-618
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 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

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