



Recombinant Bovine Chymosin (CYM)

Product Code	CSB-EP360445BO-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.	P00794
Product Type	Recombinant Protein
Immunogen Species	Bos taurus (Bovine)
Purity	>85% (SDS-PAGE)
Sequence	GE VASVPLTNYL DSQYFGKIYL GTPPQEFTVL FDTGSSDFWV PSIYCKSNAC KNHQRFDPK SSTFQNLGKP LSIHYGTGSM QGILGYDTVT VSNIVDIQQT VGLSTQEPGD VFTYAEFDGI LGMAYPSLAS EYSIPVFDNM MNRHLVAQDL FSVYMDRNGQ ESMLTLGAID PSYYTGSLHW VPVTVQQYWQ FTVDSVTISG VVVACEGGCQ AILDGTGSKL VGPSSDILNI QQAIGATQNNQ YGEFDIDCDN LSYMPTVVFE INGKMYPLTP SAYTSQDQGF CTSGFQSENH SQKWILGDVF IREYYSVFDR ANNLVGLAKA I
Source	E.coli
Target Names	CYM
Protein Names	Recommended name: Chymosin EC= 3.4.23.4 Alternative name(s): Preprorennin
Expression Region	59-381
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.