



Recombinant *Bacillus subtilis* Endoglucanase (eglS)

Product Code	CSB-YP319201BRJ
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.	P10475
Product Type	Recombinant Protein
Immunogen Species	<i>Bacillus subtilis</i> (strain 168)
Purity	>85% (SDS-PAGE)
Sequence	A GTKTPVAKNG QLSIKGTQLV NRDGKAVQLK GISSHGLQWY GEYVNKDSLK WLRDDWGITV FRAAMYADG GYIDNPSVKN KVKEAVEAAK ELGIYVIIDW HILNDGNPNQ NKEKAKEFFK EMSSLYGNTP NVIYEIANEP NGDVNWK RDI KPYAEEVISV IRKNPDNII IVGTGTWSQD VND AADDQLK DANVMYALHF YAGTHGQFLR DKANYALSKG APIFVTEWGT SDASGNGGVF LDQSREWLYK LDSKTISWVN WNLSDKQESS SALKPGASKT GGWRLSDLSA SGTFVRENIL GTKDSTKDIP ETPSKDKPTQ ENGISVQYRA GDGSMNSNQI RPQLQIKNNG NTTVDLKDVT ARYWYKAKNK GQNFDCDYAQ ICGGNVTHKF VTLHKPKQGA DTYLELGFKN GTLAPGASTG NIQLRLHNDD WSNYAQSGDY SFFKSNTFKT TTKITLYDQG KLIWGTEPN
Source	Yeast
Target Names	eglS
Protein Names	Recommended name: Endoglucanase EC= 3.2.1.4 Alternative name(s): Carboxymethyl-cellulase Short name= CMCCase Short name= Cellulase Endo-1,4-beta-glucanase
Expression Region	30-499
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.