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Datasheet for ABIN1661236  
**Endoglucanase (bglC) Protein (AA 30-499) (His tag)**

Overview

Quantity:	1 mg
Target:	Endoglucanase (bglC) (BGLC)
Protein Characteristics:	AA 30-499
Origin:	Bacillus subtilis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Endoglucanase (bglC) protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	A GTKTPVAKNG QLSIKGTQLV NRDGKAVQLK GISSHGLQWY GEYVNKDSLK WLRDDWGITV FRAAMYTADG GIIDNPSVKN KMKEAVEAAK ELGIYVIDW HILNDGNPNQ NKEKAKEFFK EMSSLYGNTP NVIYEIANEP NGDVNWK RDI KPYAEEVISV IRKNDPDNII IVGTGTWSQD VNDAADDQLK DANVMDALHF YAGTHGQFLR DKANYALSKG APIFVTEWGT SDASGNGGVF LDQSREWLKY LDSKTISWVN WNLSDKQESS SALKPGASKT GGWRLSDLA SGTFVRENIL GTKDSTKDIP ETPAKDKPTQ ENGISVQYRA GDGSMNSNQI RPQLQIKNNG NTTVDLKDVT ARYWYNAKNK GQNVDCDYAQ LGCGNVTYKF VTLHKPKQGA DTYLELGFKN GTLAPGASTG NIQLRLHNDD WSNYAQSGDY SFFKSNTFKT TTKITLYDQG KLIWGTEPN
Specificity:	Bacillus subtilis
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

## Product Details

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Purity: > 90 %

## Target Details

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Target: Endoglucanase (bgIC) (BGLC)

Abstract: [BGLC Products](#)

Background: Recommended name: Endoglucanase.  
EC= 3.2.1.4.  
Alternative name(s): Carboxymethyl-cellulase.  
Short name= CMCCase.  
Short name= Cellulase Endo-1,4-beta-glucanase

UniProt: [P23549](#)

## Application Details

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Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Storage: -20 °C

## Handling

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Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.