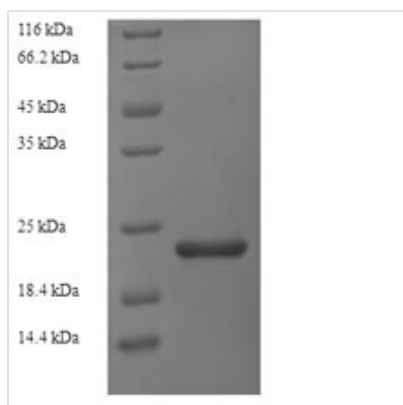




Recombinant *Geobacillus stearothermophilus* Gellan lyase,partial

Product Code	CSB-YP308328GFM
Relevance	Cleaves the glycosidic bonds of gellan backbone and releases tetrasaccharide units of glucuronyl-glucosyl-rhamnosyl-glucose with unsaturated glucuronic acid at the non-reducing terminal. The enzyme is highly specific to the heteropolysaccharide gellan.
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.	P85513
Storage Buffer	Tris-based buffer,50% glycerol
Product Type	Recombinant Protein
Species	<i>Geobacillus stearothermophilus</i> (<i>Bacillus stearothermophilus</i>)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	LVSESNPGRAIPAGGKGATIRAARPGlattLNGPKAGNGTTGATKLTPARPL SEGANMMCDHRAGGNAAISGSSVGEGTARAGDSKVMsRMLSPKGSIIAGTVN MMPADIAAGSVRTPSSLPPDGRSATPMSVSEVAsDISHKDGSVNVTKDPVTAA GLTAMRKNANKGSPPASPLPLKADNKGvHINKHWVDLKNdNDFNTR
Research Area	Others
Source	Yeast
Gene Names	N/A
Protein Names	Recommended name: Gellan lyase EC= 4.2.2.-
Expression Region	1-204aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	22.5kDa
Protein Description	partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.