Endoglucanase 2 (celB) Clostridium Josui Recombinant Protein

PRODUCT OVERVIEW

Product Name	Endoglucanase 2 (celB), Recombinant Protein
Full Product Name	Recombinant Clostridium josui Endoglucanase 2 (celB)
Product Gene Name	celB recombinant protein
Sequence	ADQIPFPYNA TYPYGAYSCL ADSQSSANNL LKSEWEQWKS AHITSNGARG YKRVQRDAST NYDTVSEGLG YGMLLAVYFG EQQLFDDLYR YVKVFLNSNG LMSWRIDANG NIMGQNAIGA ATDADEDIAV SLVFAHKKWG TSGGFNYQTE AKNYINNIYN KMVEPGTYVL KPGDMWGGSD VTNPSYFAPA WYRIFADFTG NSGWINVANK CYEIADKARN SNTGLVPDWC TANGTPASGQ GYDFYYDAIR YQWRTAIDYS WYGTAKAKTH CDAISNFFKN IGYPNIKDGY TLSGSQISAN HTATFVSCAA AAAMTGTDAT YAKNIYNECV KVKDTGNYTY FGNTLRMMIL LYTTGNFPNL YSYSSQPQQG LKGDVNNDGA IDALDIAALK KAILTQSTSN INLTNADMNN DGNIDAIDFA QLKVKLLN
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	50,599 Da
Sequence Positions	33-460, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for P37701
Species	Clostridium josui
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for celB recombinant protein	MBS1152734 is a recombinant protein targeting celB. Also known as Recombinant Clostridium josui Endoglucanase 2 (celB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of celB recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for celB. It may not necessarily be applicable to this product.

NCBI GI #	585231
NCBI Accession #	P37701.1
UniProt Primary Accession #	P37701
NCBI Official Full Name	Endoglucanase 2
UniProt Protein Name	Endoglucanase 2

UniProt Synonym Protein Names	Cellulase 2; Endo-1,4-beta-glucanase 2
Protein Family	Endo-beta-1,4-glucanase
UniProt Gene Name	celB
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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