Endoglucanase 17 (GLU13) Oryza Sativa Subsp. Japonica Recombinant Protein

PRODUCT OVERVIEW

Product Name	Endoglucanase 17 (GLU13), Recombinant Protein
Full Product Name	Recombinant Oryza sativa subsp. japonica Endoglucanase 17 (GLU13)
Product Gene Name	GLU13 recombinant protein
Product Synonym Gene Name	GLU13
Sequence	QHDYSDALHK SILFFEGQRS GRLPPDQRLR WRRDSALNDG ATAGVDLTGG YYDAGDNVKF GFPMAFTATL MSWGLIDFGR SFGAHAAEAR EAVRWATDYL MKATATPNTV YVQVGDAFRD HSCWERPEDM DTPRTVYKVD PSHPGSDVAA ETAAALAAAS IVFRDADPDY SNRLLDRAIQ VFEFADKYRG PYSSSLHAAV CPCYCDYSGY KDELLWGAAW LHKASRRREY RDYIKRNEVV LGASEAINEF GWDNKHAGIN VLISKEVLMG KDEYFQSFRV NADNFICTLL PGISNHPQIQ YSPGGLLFKV GNSNMQHVTS LSFLLLAYSN YLSHANVRVP CGTSSASPVQ LRRVAKRQVD YILGDNPLRM SYMVGYGSRY PLRIHHRGSS LPSVAAHPAQ IGCKAGATYY ASAAPNPNLL VGAVVGGPSN TSDAFPDARA VFQQSEPTTY INAPLLGLLA YFSAHPNLAQ SDLLYD
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	54,384 Da
Sequence Positions	22-497, 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 Q652F9
Species	Oryza sativa subsp. japonica (Rice)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for GLU13 recombinant protein	MBS1307442 is a recombinant protein targeting GLU13. Also known as Recombinant Oryza sativa subsp. japonica Endoglucanase 17 (GLU13). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of GLU13 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 GLU13. It may not necessarily be applicable to this product.

NCBI GI #	1002275258
NCBI GeneID	4340679
NCBI Accession #	XP_015641944.1
UniProt Primary Accession #	Q652F9

UniProt Secondary Accession #	Q0DD41; A0A0P0WUX1
UniProt Related Accession #	Q652F9
GenBank Nucleotide #	XM_015786458.1
NCBI Official Full Name	endoglucanase 17
NCBI Official Symbol	LOC4340679
NCBI Official Synonym Symbols	GLU13; OsGLU13; OsJ_020012
UniProt Protein Name	Endoglucanase 17
UniProt Synonym Protein Names	Endo-1,4-beta glucanase 17; OsGLU13
UniProt Gene Name	GLU13
NCBI Protein Information	endoglucanase 17
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