Exopolygalacturonase X (pgaX) Aspergillus Niger Recombinant Protein

PRODUCT OVERVIEW

Product Name	Exopolygalacturonase X (pgaX), Recombinant Protein
Full Product Name	Recombinant Aspergillus niger Exopolygalacturonase X (pgaX)
Product Gene Name	pgaX recombinant protein
Product Synonym Gene Name	pgaX
Sequence	FSRSREAACS PKKPFRPLPT SSSRDKTCHV RSHGDGSDDS DYILSALHQC NHGGKVVFDE DKEYIIGTAL NMTFLKNIDL EVLGTILFTN DTDYWQANSF KQGFQNATTF FQLGGEDVNM YGGGTINGNG QVWYDLYAED DLILRPILMG IIGLNGGTIG PLKLRYSPQY YHFVANSSNV LFDGIDISGY SKSDNEAKNT DGWDTYRSNN IVIQNSVINN GDDCVSFKPN STNILVQNLH CNGSHGISVG SLGQYKDEVD IVENVYVYNI SMFNASDMAR IKVWPGTPSA LSADLQGGGG SGSVKNITYD TALIDNVDWA IEITQCYGQK NTTLCNEYPS SLTISDVHIK NFRGTTSGSE DPYVGTIVCS SPDTCSDIYT SNINVTSPDG TNDFVCDNVD ESLLSVNCTA TSD
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	47,294 Da
Sequence Positions	23-435, 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 Q27UB3
Species	Aspergillus niger
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pgaX recombinant protein	MBS1401175 is a recombinant protein targeting pgaX. Also known as Recombinant Aspergillus niger Exopolygalacturonase X (pgaX). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pgaX 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 pgaX. It may not necessarily be applicable to this product.

NCBI GI #	121937666
NCBI Accession #	Q27UB3.1
UniProt Primary Accession #	Q27UB3
NCBI Official Full Name	Exopolygalacturonase X

UniProt Protein Name	Exopolygalacturonase X
UniProt Synonym Protein Names	Galacturan 1,4-alpha-galacturonidase; Poly(1,4-alpha-D-galacturonide)galacturonohydrolase
Protein Family	Exopolygalacturonase
UniProt Gene Name	pgaX
UniProt Synonym Gene Names	ExoPG
UniProt Comments for pgaX	Specific in hydrolyzing the terminal glycosidic bond of polygalacturonic acid and oligogalacturonates.
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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