Endo-1,4-Beta-Xylanase 1 (XYL1) Humicola Insolens Recombinant Protein

PRODUCT OVERVIEW

Product Name	Endo-1,4-beta-xylanase 1 (XYL1), Recombinant Protein
Full Product Name	Recombinant Humicola insolens Endo-1,4-beta-xylanase 1 (XYL1)
Product Gene Name	XYL1 recombinant protein
Sequence	APFDFVPRDN STALQARQVT PNAEGWHNGY FYSWWSDGGG QVQYTNLEGS RYQVRWRNTG NFVGGKGWNP GTGRTINYGG YFNPQGNGYL AVYGWTRNPL VEYYVIESYG TYNPGSQAQY KGTFYTDGDQ YDIFVSTRYN QPSIDGTRTF QQYWSIRKNK RVGGSVNMQN HFNAWQQHGM PLGQHYYQVV ATEGYQSSGE SDIYVQTH
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	25,601 Da
Sequence Positions	20-227, 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 P55334
Species	Humicola insolens (Soft-rot fungus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for XYL1 recombinant protein	MBS1236112 is a recombinant protein targeting XYL1. Also known as Recombinant Humicola insolens Endo-1,4-beta-xylanase 1 (XYL1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of XYL1 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 XYL1. It may not necessarily be applicable to this product.

NCBI GI #	1722900
NCBI Accession #	P55334.1
UniProt Primary Accession #	P55334
UniProt Secondary Accession #	Q12625
NCBI Official Full Name	Endo-1,4-beta-xylanase 1
UniProt Protein Name	Endo-1,4-beta-xylanase 1

UniProt Synonym Protein Names	1,4-beta-D-xylan xylanohydrolase 1
Protein Family	Alpha-xylosidase
UniProt Gene Name	XYL1
UniProt Synonym Gene Names	Xylanase 1
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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