Alpha-N-Arabinofuranosidase 2 (Asdii), Partial (asdII) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Alpha-N-arabinofuranosidase 2 (asdII), partial, Recombinant Protein
Full Product Name	Recombinant Alpha-N-arabinofuranosidase 2 (asdII), partial
Product Gene Name	asdII recombinant protein
Product Synonym Names	Alpha-N-arabinofuranosidase 2; Arabinosidase 2; EC=3.2.1.55
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	57,979 Da
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 Q59219
Species	Bacteroides ovatus
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for asdII recombinant protein	MBS1343330 is a recombinant protein targeting asdII. Also known as Recombinant Alpha-N-arabinofuranosidase 2 (asdII), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of asdII 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 asdII. It may not necessarily be applicable to this product.

NCBI GI #	2494817
NCBI Accession #	Q59219.1
UniProt Primary Accession #	Q59219
NCBI Official Full Name	Intracellular exo-alpha-L-arabinofuranosidase
UniProt Protein Name	Intracellular exo-alpha-L-arabinofuranosidase
UniProt Synonym Protein Names	Intracellular arabinan exo-alpha-L-arabinosidase; Arabinosidase
Protein Family	Intracellular exo-alpha-L-arabinofuranosidase
UniProt Gene Name	asdII
UniProt Synonym Gene Names	ABF; Arabinosidase

UniProt Entry Name	IABF_BACOV
UniProt Comments for asdII	Involved in the degradation of arabinan and is a key enzyme in the complete degradation of the plant cell wall. Catalyzes the cleavage of terminal alpha-L-arabinofuranosyl residues in different hemicellulosic homopolysaccharides (branched and debranched arabinans) and heteropolysaccharides (arabinoxylans) ().
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