Alpha-Fucosidase A (Afca), Partial (afcA) Emericella Nidulans Recombinant Protein

PRODUCT OVERVIEW

Product Name	Alpha-fucosidase A (afcA), partial, Recombinant Protein
Full Product Name	Recombinant Emericella nidulans Alpha-fucosidase A (afcA), partial
Product Gene Name	afcA recombinant protein
Product Synonym Gene Name	afcA; AN8149
Product Synonym Names	Alpha-fucosidase A; EC=3.2.1.51; Alpha-L-fucoside fucohydrolase A
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	88,536 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 Q5AU81
Species	Emericella nidulans (strain FGSC A4 / 38163 / CBS 112.46 / NRRL 194 / M139) (Aspergillus nidulans)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for afcA recombinant protein	MBS1325387 is a recombinant protein targeting afcA. Also known as Recombinant Emericella nidulans Alpha-fucosidase A (afcA), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of afcA 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 afcA. It may not necessarily be applicable to this product.

NCBI GI #	67902324
NCBI GeneID	2869274
NCBI Accession #	XP_681418.1
UniProt Primary Accession #	Q5AU81
UniProt Secondary Accession #	Q1HFQ8; C8V6V7
UniProt Related Accession #	Q5AU81
GenBank Nucleotide #	XM_676326.1
NCBI Official Full Name	hypothetical protein AN8149.2

NCBI Official Symbol	AN8149.2
UniProt Protein Name	Alpha-fucosidase A
UniProt Synonym Protein Names	Alpha-L-fucoside fucohydrolase A
Protein Family	Alpha-fucosidase
UniProt Gene Name	afcA
UniProt Synonym Gene Names	AN8149
UniProt Entry Name	AFCA_EMENI
NCBI Protein Information	hypothetical protein
UniProt Comments for afcA	Alpha-fucosidase involved in degradation of fucosylated xyloglucans. Hydrolyzes alpha-1,2-linked fucose. Active on cotton xyloglucan oligomers but not active on paranitrophenyl-fucoside.
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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