Probable Cutinase 2 (Ao090011000665) (AO090011000665) Aspergillus Oryzae Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable cutinase 2 (AO090011000665), Recombinant Protein
Full Product Name	Recombinant Aspergillus oryzae Probable cutinase 2 (AO090011000665)
Product Gene Name	AO090011000665 recombinant protein
Product Synonym Gene Name	AO090011000665
Sequence	SPVDIQERQL SGGNELRDGS CKPITFIFAR ASTEPGLLGI STGPAVCNGL KMAKAGQVAC QGVGPKYTAD LASNALPENT SPAAIQEAQD LFQQAVTKCP DTQIVAGGYS QGTAVMDDSI KRLPDNVKEK IKGVVLFGYT RNAQEHGQIA NFPKDKVKVY CAVGDMVCDG TLIVGPAHFT YLGNTGEATQ FLLGYLRFLQ LTQLP
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	23,361 Da
Sequence Positions	17-221, 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 Q2TZY7
Species	Aspergillus oryzae (strain 42149 / RIB 40) (Yellow koji mold)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for AO090011000665 recombinant protein	MBS1309176 is a recombinant protein targeting AO090011000665. Also known as Recombinant Aspergillus oryzae Probable cutinase 2 (AO090011000665). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of AO090011000665 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 AO090011000665. It may not necessarily be applicable to this product.

NCBI GI #	94709368
NCBI Accession #	Q2TZY7.1
UniProt Primary Accession #	Q2TZY7
NCBI Official Full Name	Probable cutinase 2

UniProt Protein Name	Probable cutinase 2
UniProt Synonym Protein Names	Cutin hydrolase 2
UniProt Gene Name	AO090011000665
UniProt Comments for AO090011000665	Catalyzes the hydrolysis of cutin, a polyester that forms the structure of plant cuticle. Seems, in this nonpathogenic fungi, to play an important role in flavor formation ().
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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