Ph-Response Transcription Factor Pacc/RIM101 (Pacc), Partial (pacC) Neosartorya Fumigata Recombinant Protein

PRODUCT OVERVIEW

Product Name	pH-response transcription factor pacC/RIM101 (pacC), partial, Recombinant Protein
Full Product Name	Recombinant Neosartorya fumigata pH-response transcription factor pacC/RIM101 (pacC), partial
Product Gene Name	pacC recombinant protein
Product Synonym Gene Name	pacC; AFUA_3G11970
Product Synonym Names	pH-response transcription factor pacC/RIM101
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	71,949 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 Q4WY67
Species	Neosartorya fumigata (strain MYA-4609 / Af293 / CBS 101355 / FGSC A1100) (Aspergillus fumigatus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for pacC recombinant protein	MBS1314316 is a recombinant protein targeting pacC. Also known as Recombinant Neosartorya fumigata pH-response transcription factor pacC/RIM101 (pacC), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of pacC 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 pacC. It may not necessarily be applicable to this product.

NCBI GI #	70999410
NCBI GeneID	3511803
NCBI Accession #	XP_754424.1
UniProt Primary Accession #	Q4WY67
UniProt Secondary Accession #	Q8X196
UniProt Related Accession #	Q4WY67
GenBank Nucleotide #	XM_749331.1

NCBI Official Full Name	C2H2 transcription factor PacC
NCBI Official Symbol	AFUA_3G11970
UniProt Protein Name	pH-response transcription factor pacC/RIM101
Protein Family	pH-response transcription factor
UniProt Gene Name	pacC
UniProt Entry Name	PACC_ASPFU
NCBI Protein Information	C2H2 transcription factor PacC
UniProt Comments for pacC	Transcription factor that mediates regulation of both acid- and alkaline-expressed genes in response to ambient pH. At alkaline ambient pH, activates transcription of alkaline-expressed genes (including pacC itself) and represses transcription of acid-expressed genes ().
Research Articles on pacC	**1.** the proteasome is involved in the proteolytic processing of the Aspergillus nidulans zinc finger transcription factor PacC
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