Acanthoscurrin-2 (acantho2) Acanthoscurria Gomesiana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Acanthoscurrin-2 (acantho2), Recombinant Protein
Full Product Name	Recombinant Acanthoscurria gomesiana Acanthoscurrin-2 (acantho2)
Product Gene Name	acantho2 recombinant protein
Product Synonym Names	Acanthoscurrin-2
Sequence	DVYKGGGGGR YGGGRYGGGG GYGGGLGGGG LGGGGLGGGK GLGGGGLGGG GLGGGGLGGG GLGGGKGLGG GGLGGGGLGG GGLGGGGLGG GKGLGGGGLG GGGLGGGRGG YGGGGYGGGY GGGYGGGKYK
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	10,169 Da
Sequence Positions	1-130aa; Cytoplasmic domain
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 Q8I6R7
Species	Acanthoscurria gomesiana (Tarantula spider) (Phormictopus pheopygus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for acantho2 recombinant protein	MBS1449535 is a recombinant protein targeting acantho2. Also known as Recombinant Acanthoscurria gomesiana Acanthoscurrin-2 (acantho2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of acantho2 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 acantho2. It may not necessarily be applicable to this product.

NCBI GI #	52782737
NCBI Accession #	Q8I6R7.1
UniProt Primary Accession #	Q8I6R7
NCBI Official Full Name	Acanthoscurrin-2
UniProt Protein Name	Acanthoscurrin-2

Protein Family	Acanthoscurrin
UniProt Gene Name	acantho2
UniProt Entry Name	ACN2_ACAGO
UniProt Comments for acantho2	Antimicrobial protein. Strong activity against the Gram-negative bacterium E.coli SBS363 and yeast C.albicans. No detectable activity against the Gram-positive bacterium M.luteus.
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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