Actin (act-1) Neurospora Crassa Recombinant Protein

PRODUCT OVERVIEW

Product Name	Actin (act-1), Recombinant Protein
Full Product Name	Recombinant Neurospora crassa Actin (act-1)
Product Gene Name	act-1 recombinant protein
Sequence	MEEEVAALVI DNGSGMCKAG FAGDDAPRAV FPSIVGRPRH HGIMIGMGQK DSYVGDEAQS KRGILTLRYP IEHGVVTNWD DMEKIWHHTF YNELRVAPEE HPVLLTEAPI NPKSNREKMT QIVFETFNAP AFYVSIQAVL SLYASGRTTG IVLDSGDGVT HVVPIYEGFA LPHAIARVDM AGRDLTDYLM KILAERGYTF STTAEREIVR DIKEKLCYVA LDFEQEIQTA AQSSSLEKSY ELPDGQVITI GNERFRAPEA LFQPSVLGLE SGGIHVTTFN SIMKCDVDVR KDLYGNIVMS GGTTMYPGLS DRMQKEITAL APSSMKVKII APPERKYSVW IGGSILASLS TFQQMWISKQ EYDESGPSIV HRKCF
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	41,608 Da
Sequence Positions	1-375, Full length
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 P78711
Species	Neurospora crassa (strain 24698 / 74-OR23-1A / CBS 708.71 / DSM 1257 / FGSC 987)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for act-1 recombinant protein	MBS1151456 is a recombinant protein targeting act-1. Also known as Recombinant Neurospora crassa Actin (act-1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of act-1 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 act-1. It may not necessarily be applicable to this product.

NCBI GI #	758996904
NCBI GeneID	3877297
NCBI Accession #	XP_011394625.1
UniProt Primary Accession #	P78711
UniProt Secondary Accession #	Q7S7R0; V5IPI2

UniProt Related Accession #	P78711
GenBank Nucleotide #	XM_011396323.1
NCBI Official Full Name	actin, variant
NCBI Official Symbol	act
UniProt Protein Name	Actin
Protein Family	Agmatine coumaroyltransferase
UniProt Gene Name	act
NCBI Protein Information	actin; actin, variant
UniProt Comments for act-1	Actins are highly conserved proteins that are involved in various types of cell motility and are ubiquitously expressed in all eukaryotic cells.
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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