E3 Ubiquitin Ligase Complex SCF Subunit Scon-3 (scon-3) Neurospora Crassa Recombinant Protein

PRODUCT OVERVIEW

Product Name	E3 ubiquitin ligase complex SCF subunit scon-3 (scon-3), Recombinant Protein
Full Product Name	Recombinant Neurospora crassa E3 ubiquitin ligase complex SCF subunit scon-3 (scon-3)
Product Gene Name	scon-3 recombinant protein
Product Synonym Gene Name	scon-3
Sequence	MAENDERALQ KVSLQSNDGQ IITVDRVVAE RSLLIKNLIE DLGDEAVMNE AIPLPNVNEP VLRKVVEWCE HHRKDPPQTT EDENDSRKKS TEIDEWDQKF MQVDQEMLFE IILAANYMDI KPLLDVGCKT VANMIKGKSP EEIRKTFNIT NDFTPEEEEQ IRRENEWAED R
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	19,910 Da
Sequence Positions	1-171, 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 Q8NK13
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 scon-3 recombinant protein	MBS1396546 is a recombinant protein targeting scon-3. Also known as Recombinant Neurospora crassa E3 ubiquitin ligase complex SCF subunit scon-3 (scon-3). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of scon-3 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 scon-3. It may not necessarily be applicable to this product.

NCBI GI #	758992667
NCBI GeneID	3875176
NCBI Accession #	XP_011393972.1
UniProt Primary Accession #	Q8NK13
UniProt Secondary Accession #	U9W3K7

UniProt Related Accession #	Q8NK13
GenBank Nucleotide #	XM_011395670.1
NCBI Official Full Name	sulfur control-3 protein
NCBI Official Symbol	scon-3
NCBI Official Synonym Symbols	skp-1
UniProt Protein Name	E3 ubiquitin ligase complex SCF subunit scon-3
UniProt Synonym Protein Names	Sulfur control protein 3; Sulfur metabolite repression control scon-3
Protein Family	E3 ubiquitin ligase complex
UniProt Gene Name	scon-3
UniProt Synonym Gene Names	skp1
NCBI Protein Information	sulfur control-3 protein; sulfur control-3 protein, variant
UniProt Comments for scon-3	Essential component of the SCF (SKP1-CUL1-F-box protein) E3 ubiquitin ligase complexes, which mediate the ubiquitination and subsequent proteasomal degradation of target proteins. Controls sulfur metabolite repression, probably by mediating the inactivation or degradation of the metR transcription factor ().
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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