Altered Inheritance of Mitochondria Protein 31, Mitochondrial (AIM31) (TRV_05213) Trichophyton Verrucosum Recombinant Protein

PRODUCT OVERVIEW

Product Name	Altered inheritance of mitochondria protein 31, mitochondrial (AIM31) (TRV_05213), Recombinant Protein
Full Product Name	Recombinant Trichophyton verrucosum Altered inheritance of mitochondria protein 31, mitochondrial (AIM31)
Product Gene Name	TRV_05213 recombinant protein
Product Synonym Gene Name	AIM31; TRV_05213
Product Synonym Names	Recombinant Altered inheritance of mitochondria protein 31, mitochondrial (AIM31); Altered inheritance of mitochondria protein 31, mitochondrial
Sequence	MSDKPLPSSF DDDPDFFQDN AWKKLGRRLK EEPLVPLGIG ATCYALFRAY RSMKMGDSVQ VNRMFRARIY AQAFTLLAVC AGSVYYKTER DQRKQLEKAM DLKKQQAKRD AWLKELEIRE QEDKDWQSRH ATIEQAAKGV EVKPFVADSA PDAAGRDASE EPAKESGDKK DGGSGGVLSA VKNLSWGSK
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 degree C. For extended storage, store at -20 or -80 degree C.
Molecular Weight	21,195 Da
Sequence Positions	1-189
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 D4DDK2
Species	Trichophyton verrucosum (strain HKI 0517)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for TRV_05213 recombinant protein	MBS1228626 is a recombinant protein targeting TRV_05213. Also known as Recombinant Trichophyton verrucosum Altered inheritance of mitochondria protein 31, mitochondrial (AIM31). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of TRV_05213 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 TRV_05213. It may not necessarily be applicable to this product.

NCBI GI #	302657953
NCBI GeneID	9577386
NCBI Accession #	XP_003020687.1

UniProt Primary Accession #	D4DDK2
GenBank Nucleotide #	XM_003020641.1
NCBI Official Full Name	hypothetical protein TRV_05213
NCBI Official Symbol	TRV_05213
UniProt Protein Name	Respiratory supercomplex factor 1, mitochondrial
UniProt Gene Name	RCF1
UniProt Synonym Gene Names	AIM31
UniProt Entry Name	RCF1_TRIVH
NCBI Protein Information	hypothetical protein
UniProt Comments for TRV_05213	Function: Cytochrome c oxidase subunit which plays a role in assembly of respiratory supercomplexes By similarity. Subunit structure: Associates with the respiratory chain complex III/complex IV supercomplex By similarity. Subcellular location: Mitochondrion membrane; Multi-pass membrane protein By similarity. Sequence similarities: Belongs to the RCF1 family.Contains 1 HIG1 domain.
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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