Increased Rdna Silencing Protein 4 (IRS4) Coccidioides Immitis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Increased rDNA silencing protein 4 (IRS4), Recombinant Protein
Full Product Name	Recombinant Coccidioides immitis Increased rDNA silencing protein 4 (IRS4), partial
Product Gene Name	IRS4 recombinant protein
Product Synonym Gene Name	IRS4
Sequence	MKIPVTADAE SASKDGLQHD DIRATATVRD RIKQFSAEAS IPLEKASFSR QAPSQNPSIT AKPPIPPQRA ALKPGTKLVK ATGTELCGNQ QHGRSRNISP IAHFPAVPLS NKNTSAILSS DSETGAELAD RREFTASKAV RHGSRDPHAE MSSWKSPTPL PQRKKEAPPV PPRSSQLSTE SELLQLDPPS LHTDQEGSGV NHTLEVRESD ISDSALADAM TASYLIPSHA ALGSKRGLKQ PPPPPPPRQR GSPSQPLLQL SSDSSKVNPP ALGPDEILKR GMDMLDEPKS GSELPPKPPR RVTFNPNPEV FQIESGNVVQ GQVISSERKR YEEVWEANRG VARFGVMHDP NVDQKVIRKS LAYEDLVVDL VVRDIWSRSR LPQAELAKIW KLVSHDAVGM LSREEFVVGM WLIDQCLKGH GLPTNVPKSV WKSVQ
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	47,532 Da
Sequence Positions	1-435aa, full length protein
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 Q1DKE6
Species	Coccidioides immitis (strain RS) (Valley fever fungus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for IRS4 recombinant protein	MBS1384570 is a recombinant protein targeting IRS4. Also known as Recombinant Coccidioides immitis Increased rDNA silencing protein 4 (IRS4), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of IRS4 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 IRS4. It may not necessarily be applicable to this product.

NCBI GI #	815879445
NCBI GeneID	24164082
NCBI Accession #	XP_012213759.1
UniProt Primary Accession #	Q1DKE6

UniProt Secondary Accession #	A0A0D8JYL3; J3K2K1
UniProt Related Accession #	Q1DKE6
GenBank Nucleotide #	XM_012358336.1
NCBI Official Full Name	increased rDNA silencing protein 4
NCBI Official Symbol	CIMG_12312
UniProt Protein Name	Increased rDNA silencing protein 4
Protein Family	Increased rDNA silencing protein
UniProt Gene Name	IRS4
NCBI Protein Information	increased rDNA silencing protein 4
UniProt Comments for IRS4	Positive regulator of phosphatidylinositol 4,5-bisphosphate turnover and negatively regulates signaling through the cell integrity pathway. Involved in rDNA silencing ().
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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