# Nusa Protein Homolog (MJ1045) Methanocaldococcus Jannaschii Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | NusA protein homolog (MJ1045), Recombinant Protein |
| **Full Product Name** | Recombinant Methanocaldococcus jannaschii NusA protein homolog (MJ1045) |
| **Product Gene Name** | MJ1045 recombinant protein |
| **Product Synonym Names** | NusA protein homolog |
| **Sequence** | MAKVRLTTEE IMKIGFFEKI ANVPILDCVL NDERVAFIVK EGDVGAAIGK GGENVKTAEE KFGKKVDIIE YSDDWRKFIR NIFAPIQLDD VWVKRVGKDV VAFIKINPKV RRAVFGEKGK NLERALKILK RHTKITKIKV IVENQKFKRK RAKRPVVKDQ QQEQTETKQE TDVQQDVKET VKE |
| **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** | 21,135 Da |
| **Sequence Positions** | 1-183aa; 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 Q58447 |
| **Species** | Methanocaldococcus jannaschii (strain 43067 / DSM 2661 / JAL-1 / JCM 10045 / NBRC 100440) (Methanococcus jannaschii) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for MJ1045 recombinant protein** | MBS1342121 is a recombinant protein targeting MJ1045. Also known as Recombinant Methanocaldococcus jannaschii NusA protein homolog (MJ1045). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of MJ1045 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 MJ1045. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 15669234 |
| **NCBI GeneID** | 1451942 |
| **NCBI Accession #** | NP_248039.1 |
| **UniProt Primary Accession #** | Q58447 |
| **UniProt Related Accession #** | Q58447 |

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| **GenBank Nucleotide #** | NC_000909.1 |
| **NCBI Official Full Name** | transcription elongation factor NusA |
| **NCBI Official Symbol** | nusA |
| **UniProt Protein Name** | Probable transcription termination protein NusA |
| **UniProt Gene Name** | nusA |
| **UniProt Synonym Gene Names** | MJ1045 |
| **UniProt Entry Name** | NUSA_METJA |
| **NCBI Protein Information** | transcription elongation factor NusA |
| **UniProt Comments for MJ1045** | Participates in transcription termination. |
| **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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