# Fe/S Biogenesis Protein Nfua (nfuA) Salmonella Enteritidis PT4 Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Fe/S biogenesis protein NfuA (nfuA), Recombinant Protein |
| **Full Product Name** | Recombinant Salmonella enteritidis PT4 Fe/S biogenesis protein NfuA (nfuA) |
| **Product Gene Name** | nfuA recombinant protein |
| **Sequence** | MIRISDAAQA HFAKLLANQE EGTQIRVFVI NPGTPNAECG VSYCPPDAVE ATDTALKFDL LTAYVDELSA PYLEDAEIDF VTDQLGSQLT LKAPNAKMRK VADDAPLMER VEYALQSQIN PQLAGHGGRV SLMEITDEGY AILQFGGGCN GCSMVDVTLK EGIEKQLLNE FPELKGVRDL TEHQRGEHSY Y |
| **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** | 20,938 Da |
| **Sequence Positions** | 1-191, 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 B5R371 |
| **Species** | Salmonella enteritidis PT4 (strain P125109) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for nfuA recombinant protein** | MBS1202779 is a recombinant protein targeting nfuA. Also known as Recombinant Salmonella enteritidis PT4 Fe/S biogenesis protein NfuA (nfuA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of nfuA 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 nfuA. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 446542041 |
| **NCBI Accession #** | WP_000619387.1 |
| **UniProt Primary Accession #** | B5R371 |
| **GenBank Nucleotide #** | WP_000619387.1 |
| **NCBI Official Full Name** | MULTISPECIES: Fe-S biogenesis protein NfuA |
| **UniProt Protein Name** | Fe/S biogenesis protein NfuA |
| **Protein Family** | Fe/S biogenesis protein |

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| **UniProt Gene Name** | nfuA |
| **UniProt Comments for nfuA** | Involved in iron-sulfur cluster biogenesis. Binds a 4Fe-4S cluster, can transfer this cluster to apoproteins, and thereby intervenes in the maturation of Fe/S proteins. Could also act as a scaffold/chaperone for damaged Fe/S proteins. |
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