# Cytosolic Fe-S Cluster Assembly Factor NAR1 (NAR1) Ustilago Maydis Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Cytosolic Fe-S cluster assembly factor NAR1 (NAR1), Recombinant Protein |
| **Full Product Name** | Recombinant Ustilago maydis Cytosolic Fe-S cluster assembly factor NAR1 (NAR1), partial |
| **Product Gene Name** | NAR1 recombinant protein |
| **Product Synonym Gene Name** | NAR1 |
| **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** | 89,536 Da |
| **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 Q4PAR1 |
| **Species** | Ustilago maydis (strain 521 / FGSC 9021) (Smut fungus) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for NAR1 recombinant protein** | MBS1380429 is a recombinant protein targeting NAR1. Also known as Recombinant Ustilago maydis Cytosolic Fe-S cluster assembly factor NAR1 (NAR1), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of NAR1 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 NAR1. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 758978198 |
| **NCBI GeneID** | 23563460 |
| **NCBI Accession #** | XP_011389150.1 |
| **UniProt Primary Accession #** | Q4PAR1 |
| **UniProt Secondary Accession #** | A0A0D1E0T9 |
| **UniProt Related Accession #** | Q4PAR1 |
| **GenBank Nucleotide #** | XM_011390848.1 |
| **NCBI Official Full Name** | hypothetical protein UMAG_02802 |

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| **NCBI Official Symbol** | UMAG_02802 |
| **UniProt Protein Name** | Cytosolic Fe-S cluster assembly factor NAR1 |
| **UniProt Synonym Protein Names** | Nuclear architecture-related protein 1 |
| **Protein Family** | Cytosolic Fe-S cluster assembly factor |
| **UniProt Gene Name** | NAR1 |
| **NCBI Protein Information** | hypothetical protein |
| **UniProt Comments for NAR1** | Component of the cytosolic Fe/S protein assembly machinery. Required for maturation of extramitochondrial Fe/S proteins. May play a role in the transfer of pre-assembled Fe/S clusters to target apoproteins (). |
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