# UPF0345 Protein Suden_2102 (Suden_2102) (Suden_2102) Sulfurimonas Denitrificans Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | UPF0345 protein Suden_2102 (Suden_2102), Recombinant Protein |
| **Full Product Name** | Recombinant Sulfurimonas denitrificans UPF0345 protein Suden_2102 (Suden_2102) |
| **Product Gene Name** | Suden_2102 recombinant protein |
| **Product Synonym Names** | UPF0345 protein Suden_2102 |
| **Sequence** | MTKFENVTVV KKANIYDGGK VTSRTVEFAD GTRKTLGIMM PGEYTFNTAE AEIMEMMSGE LDIRLPNEDW KTLNTPESFN VPANSSFDLK IRTVTDYCCS YIK |
| **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** | 11,648 Da |
| **Sequence Positions** | 1-103aa; 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 Q30NQ5 |
| **Species** | Sulfurimonas denitrificans (strain 33889 / DSM 1251) (Thiomicrospira denitrificans (strain 33889 / DSM 1251)) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for Suden_2102 recombinant protein** | MBS1347634 is a recombinant protein targeting Suden_2102. Also known as Recombinant Sulfurimonas denitrificans UPF0345 protein Suden_2102 (Suden_2102). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of Suden_2102 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 Suden_2102. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 499692982 |
| **NCBI GeneID** | 3763745 |
| **NCBI Accession #** | WP_011373716.1 |
| **UniProt Primary Accession #** | Q30NQ5 |
| **UniProt Related Accession #** | Q30NQ5 |

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|---|---|
| **GenBank Nucleotide #** | WP_011373716.1 |
| **NCBI Official Full Name** | hypothetical protein |
| **NCBI Official Symbol** | Suden_2102 |
| **UniProt Protein Name** | UPF0345 protein Suden_2102 |
| **Protein Family** | UPF0345 protein |
| **UniProt Gene Name** | Suden_2102 |
| **UniProt Entry Name** | Y2102_SULDN |
| **NCBI Protein Information** | hypothetical protein |
| **UniProt Comments for Suden_2102** | Catalyzes the phosphorolysis of diverse nucleosides, yielding D-ribose 1-phosphate and the respective free bases. Can use uridine, adenosine, guanosine, cytidine, thymidine, inosine and xanthosine as substrates. Also catalyzes the reverse reactions. |
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