# UPF0271 Protein SCO0441 (SCO0441) Streptomyces Coelicolor Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | UPF0271 protein SCO0441 (SCO0441), Recombinant Protein |
| **Full Product Name** | Recombinant Streptomyces coelicolor UPF0271 protein SCO0441 (SCO0441) |
| **Product Gene Name** | SCO0441 recombinant protein |
| **Product Synonym Gene Name** | SCO0441 |
| **Sequence** | MIDLNADLGE GFGRWTLTDD DALLSVVTSA NVACGFHAGD PSVMRRVCDL AAERGVRIGA QVSYRDLAGF GRRAMDVPSD ELAAEVAYQI GALRVFAEAA GAPVAYVKPH GALYNRTVHD EGQARAVVAG VRLAGGALPV LGLPGSRLLT AAAEAGLTGV PEAFADRAYT AEGSLVPRSE AGSVVTDEDA VVRRALAFAV EGSVEAVDGT AVAVAARSLC VHGDTPNAAR IAARVREALE TAGVGIGAFA |
| **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** | 25,511 Da |
| **Sequence Positions** | 1-250, 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 Q9RL45 |
| **Species** | Streptomyces coelicolor (strain BAA-471 / A3(2) / M145) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for SCO0441 recombinant protein** | MBS1306805 is a recombinant protein targeting SCO0441. Also known as Recombinant Streptomyces coelicolor UPF0271 protein SCO0441 (SCO0441). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of SCO0441 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 SCO0441. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 21218983 |
| **NCBI GeneID** | 1095864 |
| **NCBI Accession #** | NP_624762.1 |
| **UniProt Primary Accession #** | Q9RL45 |
| **UniProt Related Accession #** | Q9RL45 |

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| **GenBank Nucleotide #** | NC_003888.3 |
| **NCBI Official Full Name** | LamB/YcsF family protein |
| **NCBI Official Symbol** | SCO0441 |
| **NCBI Official Synonym Symbols** | SCF51A.19 |
| **UniProt Protein Name** | UPF0271 protein SCO0441 |
| **Protein Family** | UPF0271 protein |
| **UniProt Gene Name** | SCO0441 |
| **NCBI Protein Information** | LamB/YcsF family protein |
| **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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