# Uncharacterized Protein Tp_0481 (Tp_0481) (TP0481) Treponema Pallidum Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Uncharacterized protein TP_0481 (TP_0481) (TP0481), Recombinant Protein |
| **Full Product Name** | Recombinant Treponema pallidum Uncharacterized protein TP_0481 (TP_0481) |
| **Product Gene Name** | TP0481 recombinant protein |
| **Product Synonym Names** | Recombinant Uncharacterized protein TP_0481 (TP_0481); Uncharacterized protein TP_0481 |
| **Sequence** | MSDDSTPKTP SRRIRHTGRR RTLHRFFCKR YTPRSLKRFL RRIHIPADRA YCMRYLADPV STPVRVFGRT LLSRTYVRFD QQAIAHSADL KRLNAIAASI AKQRGRVNFW SLSMACASVL ALLGLVYLIR NVIARRVVIG GSEAVFGARC EAAVVDLDLF NARFRLKNYA VANKHHPMWN LFEIESIDIH FDLLELSRGK FVSHTMVVEG VTWNTPRKTS GALPPRRAKR QRVRSSNPLI AKIQEKAAEL AAPVSFGAGF SALKAQVDPR ILLEREVKAL KTPTLVQHVG AQAPKLAERW TQRVFDAHAR AEKTVAAIRA VTELDFHALK DVSAIKQGIE TLDRARRSTE EALATARTIS HELQQDVHST LGLAREFAAA VKADGARIAR AAAAIRDIQA DGGKKFISGL CTVFLARSFS HYYPYVAQML DYVRGSQRTP SDGSPSAEAE KTAQSLTTRK RLQGVIFCLS ATSLPCC |
| **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 degree C. For extended storage, store at -20 or -80 degree C. |
| **Molecular Weight** | 53,153 Da |
| **Sequence Positions** | 1-477 |
| **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. |
| **Chromosome Location** | NC_000919.1 (510210..511643) |
| **3D Structure** | ModBase 3D Structure for O83494 |
| **Species** | Treponema pallidum (strain Nichols) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for TP0481 recombinant protein** | MBS1083674 is a recombinant protein targeting TP0481. Also known as Recombinant Treponema pallidum Uncharacterized protein TP_0481 (TP_0481). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of TP0481 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 TP0481. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 15639472 |
| **NCBI GeneID** | 2611140 |

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| **NCBI Accession #** | NP_218922.1 |
| **UniProt Primary Accession #** | O83494 |
| **UniProt Related Accession #** | O83494 |
| **GenBank Nucleotide #** | NC_000919.1 |
| **NCBI Official Full Name** | hypothetical protein TP0481 |
| **NCBI Official Symbol** | TP0481 |
| **UniProt Protein Name** | Uncharacterized protein TP_0481 |
| **UniProt Entry Name** | Y481_TREPA |
| **NCBI Protein Information** | hypothetical protein |
| **UniProt Comments for TP0481** | Subcellular location: Membrane; Single-pass membrane protein<br><br>Potential. |
| **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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