# N-Acetyldiaminopimelate Deacetylase (Lsl_0469) (LSL_0469) Lactobacillus Salivarius Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | N-acetyldiaminopimelate deacetylase (LSL_0469), Recombinant Protein |
| **Full Product Name** | Recombinant Lactobacillus salivarius N-acetyldiaminopimelate deacetylase (LSL_0469) |
| **Product Gene Name** | LSL_0469 recombinant protein |
| **Product Synonym Gene Name** | LSL_0469 |
| **Sequence** | MTLQENELIK IRRDLHQIPE IGLEEYETSD YLLKIINGLP QENLEIKRWK TAILVHLNGE NKNYTIGYRT DIDGLPVEEK TGLPFSSKHE GRMHACGHDI HMTVALGVLS YFASHRPKYN MTFIFQPAEE NASGGMKLYQ SGELDEWMPD EIYALHDNPQ LPAGTIGCRK GTLFAGTCEI HVKFIGKSGH AAYPHQANDM VVAGAQFVNQ IQTIVSRNVD PIQSVVVTLG HFSAGTTGNV ISGVCQIDGT IRALTQENNL LIQKRVRTIA EGIAHSFDCE LEIDLHQGGY YPVENDDNTT EAFINYMKNE DDVDFVETLP AMTGEDFGYL ISKIPGTMFW LGVDSPYSLH SEYLAPKEES IMLGVNAITG YLKNRQESLN K |
| **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** | 42,568 Da |
| **Sequence Positions** | 1-381, Full length |
| **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 Q1WUQ7 |
| **Species** | Lactobacillus salivarius (strain UCC118) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for LSL_0469 recombinant protein** | MBS1334205 is a recombinant protein targeting LSL_0469. Also known as Recombinant Lactobacillus salivarius N-acetyldiaminopimelate deacetylase (LSL_0469). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of LSL_0469 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 LSL_0469. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 499795038 |
| **NCBI Accession #** | WP_011475772.1 |
| **UniProt Primary Accession #** | Q1WUQ7 |

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| **GenBank Nucleotide #** | WP_011475772.1 |
| **NCBI Official Full Name** | acetyldiaminopimelate deacetylase |
| **UniProt Protein Name** | N-acetyldiaminopimelate deacetylase |
| **UniProt Gene Name** | LSL_0469 |
| **UniProt Comments for LSL_0469** | Catalyzes the conversion of N-acetyl-diaminopimelate to diaminopimelate and acetate. |
| **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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