# 5'-Nucleotidase Sure (surE) Porphyromonas Gingivalis Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | 5'-nucleotidase surE (surE), Recombinant Protein |
| **Full Product Name** | Recombinant Porphyromonas gingivalis 5'-nucleotidase surE (surE) |
| **Product Gene Name** | surE recombinant protein |
| **Product Synonym Gene Name** | surE |
| **Sequence** | MKADPIEILV SNDDGFRAQG IRELAEALRP LGNVTIVAPD GPRSGASAAI TSTLPIKLKL RHREEGYTVY SCTGTPVDCV KLAMNTVFKE RKPDLLVTGV NHGNNAGICV IYSGTVGAAM EGCVCDVPAL AVSLDDHSEI CDMSHATAYA VHVSRMILKN GLPQDTMLSM NVPKGKPLGL KPCAVTDGRF VDEYMASEDA RGNAVYWMTG RQINKGTIEG DLELMHAGYV TLSPIKLNMT SRRYLPVLEE LLKRSV |
| **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** | 27,648 Da |
| **Sequence Positions** | 1-256, 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 Q7MT32 |
| **Species** | Porphyromonas gingivalis (strain BAA-308 / W83) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for surE recombinant protein** | MBS1386026 is a recombinant protein targeting surE. Also known as Recombinant Porphyromonas gingivalis 5'-nucleotidase surE (surE). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of surE 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 surE. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 490721132 |
| **NCBI Accession #** | WP_004583692.1 |
| **UniProt Primary Accession #** | Q7MT32 |
| **GenBank Nucleotide #** | WP_004583692.1 |
| **NCBI Official Full Name** | 5'-nucleotidase SurE |

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| **UniProt Protein Name** | 5'-nucleotidase SurE |
| **UniProt Synonym Protein Names** | Nucleoside 5'-monophosphate phosphohydrolase |
| **Protein Family** | 5'/3'-nucleotidase |
| **UniProt Gene Name** | surE |
| **UniProt Comments for surE** | Nucleotidase that shows phosphatase activity on nucleoside 5'-monophosphates. |
| **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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