# Phosphoglycolate Phosphatase (Saci_1518) (Saci_1518) Sulfolobus Acidocaldarius Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Phosphoglycolate phosphatase (Saci_1518), Recombinant Protein |
| **Full Product Name** | Recombinant Sulfolobus acidocaldarius Phosphoglycolate phosphatase (Saci_1518) |
| **Product Gene Name** | Saci_1518 recombinant protein |
| **Product Synonym Gene Name** | Saci_1518 |
| **Sequence** | MIRLILTDVD GTLTFDRDTY NIDLDAVDLL RKVEKKGIKV GLVSGNSYPV LRALYTYFGF NGGIVAENGC IVYYDNQLKE VCERVERSLI SEFENRFGVK GSWQNQFKVC DFSFYPPILK DEMVKWALDK GLYIKTSGYA VHISKSKRGK AEGVRELIKM HGLDKAEVVG IGDSSTDIEF LEEVGIRVVV GNADESLKSI GDFVMREKSG KAVVEFIKKV ITGEINE |
| **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** | 25,468 Da |
| **Sequence Positions** | 1-227, 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 Q4J8P4 |
| **Species** | Sulfolobus acidocaldarius (strain 33909 / DSM 639 / JCM 8929 / NBRC 15157 / NCIMB 11770) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for Saci_1518 recombinant protein** | MBS1353625 is a recombinant protein targeting Saci_1518. Also known as Recombinant Sulfolobus acidocaldarius Phosphoglycolate phosphatase (Saci_1518). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of Saci_1518 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 Saci_1518. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 499597605 |
| **NCBI Accession #** | WP_011278339.1 |
| **UniProt Primary Accession #** | Q4J8P4 |
| **GenBank Nucleotide #** | WP_011278339.1 |

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| **NCBI Official Full Name** | phosphoglycolate phosphatase |
| **UniProt Protein Name** | Phosphoglycolate phosphatase |
| **UniProt Gene Name** | Saci_1518 |
| **UniProt Synonym Gene Names** | PGP; PGPase |
| **UniProt Comments for Saci_1518** | Catalyzes the dephosphorylation of 2-phosphoglycolate. |
| **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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