# Serine/Threonine-Protein Kinase SRPK (PSRPK) Physarum Polycephalum Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Serine/threonine-protein kinase SRPK (PSRPK), Recombinant Protein |
| **Full Product Name** | Recombinant Physarum polycephalum Serine/threonine-protein kinase SRPK |
| **Product Gene Name** | PSRPK recombinant protein |
| **Sequence** | MENIFKEKEK GKEKAKEEEK ENDSGDLFDS EDEGTEDYKK GGYHPVKVGE VYKSNYRIVK KLGWGHFSTV WLAIDEKNGG REVALKIVKS ASHYREAAED EIHLLQTISE GDPESKYCVV KLLDSFLHTG PHGKHICMVF EKLGSNLLDL IKLHNYKGIP LPLVKCMTKQ ILIGLDYLHT KCKIIHTDLK PENVLLDHLL RPDTLNWDDQ FLDGASSSSP ISNDAENARQ TRSGKIKWEP SARIADSLSR KIVKVPIVKI ADLGTACWTH KHFTDDVQTR QYRCPEVILG QKWDTTIDMW SLACMVFELA TGDLLFCPKK GDKYDKTDDH LALMIELLGR MPRSFITKGS KSEKYFNSKG ELKYIRKLGP QWGMSDVLYE KYRFPKEEAD KLSAFLLPML QYEPEKRATA RDSLEHPYMA DVPPFL |
| **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** | 48,772 Da |
| **Sequence Positions** | 1-426, 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 Q45FA5 |
| **Species** | Physarum polycephalum (Slime mold) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for PSRPK recombinant protein** | MBS1387012 is a recombinant protein targeting PSRPK. Also known as Recombinant Physarum polycephalum Serine/threonine-protein kinase SRPK. Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of PSRPK 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 PSRPK. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 122012643 |
| **NCBI Accession #** | Q45FA5.1 |
| **UniProt Primary Accession #** | Q45FA5 |
| **NCBI Official Full Name** | Serine/threonine-protein kinase SRPK |

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| **UniProt Protein Name** | Serine/threonine-protein kinase SRPK |
| **Protein Family** | Serine/threonine-protein kinase |
| **UniProt Gene Name** | PSRPK |
| **UniProt Synonym Gene Names** | PSRPK |
| **UniProt Comments for PSRPK** | Phosphorylates serine/arginine-rich protein PSR. |
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