# Aspartate Aminotransferase (aspC) Synechocystis Sp. Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Aspartate aminotransferase (aspC), Recombinant Protein |
| **Full Product Name** | Recombinant Synechocystis sp. Aspartate aminotransferase (aspC) |
| **Product Gene Name** | aspC recombinant protein |
| **Product Synonym Gene Name** | aspC |
| **Sequence** | MRLTQRVSQV VPSITLEITA KAKAMRTEGI DVLSFTAGEP DFTTPPHIVE AAKLALDEGK TRYGPAAGEP ALRQAIAKKL REKNNLPYEA ANILVTNGGK HSLFNLMLAM IEQGDEVIIP APYWLSYPEM VRLAEGTPVI VNTTAATDYK ITPEQLRQAI TSKSKLFVLN SPSNPTGAVY TPAEIRALAA VILEYEDLYV VSDEIYERIL YDGTEHLSIG AVNDEIFQRT IISNGFAKSY SMTGWRVGYL AGELPLIQAC STIQGHSTSN VCTFAQYGAI AALENPQTCV ETMVKAFTER RQVIVEGINQ IAGLSCPNPK GAFYVFVDIA KTGLNSLEFS ARLLESHQVA VIPGAAFGAD DCVRFSYATD MDTIKQGLAE LERFVSTLA |
| **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** | 42,352 Da |
| **Sequence Positions** | 1-389, 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 Q55128 |
| **Species** | Synechocystis sp. (strain PCC 6803 / Kazusa) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for aspC recombinant protein** | MBS1326070 is a recombinant protein targeting aspC. Also known as Recombinant Synechocystis sp. Aspartate aminotransferase (aspC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of aspC 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 aspC. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 6224990 |
| **NCBI Accession #** | Q55128.1 |
| **UniProt Primary Accession #** | Q55128 |
| **NCBI Official Full Name** | Aspartate aminotransferase |

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| **UniProt Protein Name** | Aspartate aminotransferase |
| **UniProt Synonym Protein Names** | Transaminase A |
| **Protein Family** | Aspartate aminotransferase |
| **UniProt Gene Name** | aspC |
| **UniProt Synonym Gene Names** | AspAT |
| **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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