# Multiphosphoryl Transfer Protein (fryA) Escherichia Coli O6 Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Multiphosphoryl transfer protein (fryA), Recombinant Protein |
| **Full Product Name** | Recombinant Escherichia coli O6 Multiphosphoryl transfer protein (fryA), partial |
| **Product Gene Name** | fryA recombinant protein |
| **Product Synonym Gene Name** | fryA |
| **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** | 92,079 Da |
| **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 Q8FFD8 |
| **Species** | Escherichia coli O6 |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for fryA recombinant protein** | MBS1426234 is a recombinant protein targeting fryA. Also known as Recombinant Escherichia coli O6 Multiphosphoryl transfer protein (fryA), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of fryA 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 fryA. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 446878620 |
| **NCBI Accession #** | WP_000955876.1 |
| **UniProt Primary Accession #** | Q8FFD8 |
| **GenBank Nucleotide #** | WP_000955876.1 |
| **NCBI Official Full Name** | multiphosphoryl transfer protein |
| **UniProt Protein Name** | Multiphosphoryl transfer protein |
| **UniProt Synonym Protein Names** | Fructose-like phosphotransferase enzyme IIA component |
| **Protein Family** | Multiphosphoryl transfer protein |
| **UniProt Gene Name** | fryA |

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| **UniProt Synonym Gene Names** | Protein H |
| **UniProt Comments for fryA** | Multifunctional protein that includes general (non sugar-specific) and sugar-specific components of the phosphoenolpyruvate-dependent sugar phosphotransferase system (sugar PTS). This major carbohydrate active transport system catalyzes the phosphorylation of incoming sugar substrates concomitantly with their translocation across the cell membrane. The enzyme II FryABC PTS system is involved in fructose transport. |
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