# UPF0042 Nucleotide-Binding Protein Chy_0272 (Chy_0272) (CHY_0272) Carboxydothermus Hydrogenoformans Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | UPF0042 nucleotide-binding protein CHY_0272 (CHY_0272), Recombinant Protein |
| **Full Product Name** | Recombinant Carboxydothermus hydrogenoformans UPF0042 nucleotide-binding protein CHY_0272 (CHY_0272) |
| **Product Gene Name** | CHY_0272 recombinant protein |
| **Product Synonym Gene Name** | CHY_0272 |
| **Sequence** | MRFLIVTGLS GAGKTQAMRA LEDLGYFCVD NLPPVLMPKF AELVAHAENK IEKVALVVDV RGQKFFQDLD WALGELTKLG IKYEILFLEA RDEVLLKRFK ANRRGHPLGV RGSQILDNIK KERKFLENLR ARADKVIDTS DLQPADLRNE ILNYYGEEQK RSKISINIVT FGYKYGLPLD ADLIMDVRFL PNPFYVKELR PLSGSDKPVY DYVFNYEVTK KFTEKFLDLI EFLMPFYQKE GKSNLVIAIG CTGGRHRSVA IANFLARTLE EKNYEVYLRH RDLEKHREE |
| **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** | 33,459 Da |
| **Sequence Positions** | 1-289, 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 Q3AFE0 |
| **Species** | Carboxydothermus hydrogenoformans (strain Z-2901 / DSM 6008) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for CHY_0272 recombinant protein** | MBS1338664 is a recombinant protein targeting CHY_0272. Also known as Recombinant Carboxydothermus hydrogenoformans UPF0042 nucleotide-binding protein CHY_0272 (CHY_0272). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of CHY_0272 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 CHY_0272. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 119391328 |
| **NCBI Accession #** | Q3AFE0.1 |
| **UniProt Primary Accession #** | Q3AFE0 |

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| **NCBI Official Full Name** | Nucleotide-binding protein CHY_0272 |
| **UniProt Protein Name** | Nucleotide-binding protein CHY_0272 |
| **Protein Family** | Nucleotide-binding protein |
| **UniProt Gene Name** | CHY_0272 |
| **UniProt Comments for CHY_0272** | Displays ATPase and GTPase activities. |
| **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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