# Probable Transcriptional Regulatory Protein Yeht (yehT) Salmonella Typhimurium Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Probable transcriptional regulatory protein YehT (yehT), Recombinant Protein |
| **Full Product Name** | Recombinant Salmonella typhimurium Probable transcriptional regulatory protein YehT (yehT) |
| **Product Gene Name** | yehT recombinant protein |
| **Product Synonym Gene Name** | yehT |
| **Sequence** | MIKVLIVDDE PLARENLRIL LQGQDDIEIV GECANAVEAI GAVHKLRPDV LFLDIQMPRI SGLEMVGMLD PEHRPYIVFL TAFDEYAIKA FEEHAFDYLL KPIEEKRLEK TLHRLRQERS KQDVSLLPEN QQALKFIPCT GHSRIYLLQM DDVAFVSSRM SGVYVTSSEG KEGFTELTLR TLESRTPLLR CHRQFLVNMA HLQEIRLEDN GQAELILRNG LTVPVSRRYL KSLKEAIGL |
| **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** | 27,410 Da |
| **Sequence Positions** | 1-239, 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 Q8ZNN2 |
| **Species** | Salmonella typhimurium (strain LT2 / SGSC1412 / 700720) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for yehT recombinant protein** | MBS1363963 is a recombinant protein targeting yehT. Also known as Recombinant Salmonella typhimurium Probable transcriptional regulatory protein YehT (yehT). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of yehT 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 yehT. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 16765488 |
| **NCBI GeneID** | 1253680 |
| **NCBI Accession #** | NP_461103.1 |
| **UniProt Primary Accession #** | Q8ZNN2 |

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| **UniProt Related Accession #** | Q8ZNN2 |
| **GenBank Nucleotide #** | NC_003197.2 |
| **NCBI Official Full Name** | two-component system response regulator YehT |
| **NCBI Official Symbol** | yehT |
| **UniProt Protein Name** | Transcriptional regulatory protein BtsR |
| **Protein Family** | Transcriptional regulatory protein |
| **UniProt Gene Name** | btsR |
| **NCBI Protein Information** | two-component system response regulator YehT |
| **UniProt Comments for yehT** | Member of the two-component regulatory system BtsS/BtsR. BtsR regulates expression of btsT by binding to its promoter region. |
| **Research Articles on yehT** | **1.** Characterization of the yehUT two-component regulatory system of Salmonella enterica Serovar Typhi and Typhimurium. |
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