# DNA-Directed RNA Polymerase I Subunit RPA43 (twistnb) Danio Rerio Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | DNA-directed RNA polymerase I subunit RPA43 (twistnb), Recombinant Protein |
| **Full Product Name** | Recombinant Danio rerio DNA-directed RNA polymerase I subunit RPA43 (twistnb) |
| **Product Gene Name** | twistnb recombinant protein |
| **Product Synonym Gene Name** | twistnb |
| **Sequence** | MANWTQEDGA PTPVTNPSEV SQVSGGSVTG GPAVTSCLIP SFAEAVKLLK ARYSCLVLDT HRRHISLPPV HLKKKKTGIQ EQLNAELLKY SNSLDGVPVA YDNIKVVGQH GNIYDDQGFI HFNIEASFVI FRPKNGSRLM GVINKMGASH VGCLVHGCFN ASVMKPNALT SDQWRDSGLC VGQSLEFEVF QLDADAAGVL LIRGRLDRSR VQELVAQFEQ KQVTAESSTE ADATEDTTDS PKPKKKKKRK KDKNDTESSM EECVNNSSLQ ETSEHHQTTT EEDCSANGRH KEKKKKKKRD KNDTESSMDE CMNNNSLQET ALDTTEEDCN ANERHKEKKK KKKRDKQQDS AEIVPTSDSS GYISDKTSRK RALEAGDDTE TPAAKKKKKS K |
| **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** | 43,286 Da |
| **Sequence Positions** | 1-391, 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 Q6PHG8 |
| **Species** | Zebrafish |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for twistnb recombinant protein** | MBS1329099 is a recombinant protein targeting twistnb. Also known as Recombinant Danio rerio DNA-directed RNA polymerase I subunit RPA43 (twistnb). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of twistnb 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 twistnb. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 55742501 |
| **NCBI GeneID** | 402856 |
| **NCBI Accession #** | NP_001007154.1 |

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| **UniProt Primary Accession #** | Q6PHG8 |
| **UniProt Secondary Accession #** | Q6DRH6 |
| **UniProt Related Accession #** | Q6PHG8 |
| **GenBank Nucleotide #** | NM_001007153.1 |
| **NCBI Official Full Name** | DNA-directed RNA polymerase I subunit RPA43 |
| **NCBI Official Synonym Full Names** | TWIST neighbor |
| **NCBI Official Symbol** | twistnb |
| **UniProt Protein Name** | DNA-directed RNA polymerase I subunit RPA43 |
| **UniProt Synonym Protein Names** | Twist neighbor protein |
| **UniProt Gene Name** | twistnb |
| **NCBI Protein Information** | DNA-directed RNA polymerase I subunit RPA43 |
| **UniProt Comments for twistnb** | DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Component of RNA polymerase I which synthesizes ribosomal RNA precursors. May be involved in recruitment of Pol I to rDNA promoters (). |
| **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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