# Recombinant RN3P1 protein (His tag)

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| **Catalog Number** | 551372 |
| **Synonyms** | RNA polymerase I transcription factor homolog pseudogene 1 |
| **Species** | Human |
| **Expression System** | E. coli |
| **Accession** | Q2M238 |
| **Molecular Weight** | Predictes a molecular mass of 18.91 kDa. In SDS-PAGE under reducing conditions, it migrates as an approximately 19 kDa band. |

## Product Information

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| **Sequence Region** | 1-152 |
| **Form** | Lyophilized powder |
| **Formulation** | Lyophilized from sterile PBS, pH 7.4 |
| **Purity** | >87%, by SDS-PAGE with Coomassie Brilliant Blue staining. |
| **Endotoxin** | Not tested. |
| **Activity** | Not tested. |
| **Stability** | Samples are stable for up to twelve months from date of receipt at -70℃ |
| **Protein Construction** | DNA encoding 1-152 aa (Q2M238) were fused with 6His tag. |

## Storage & Handling

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| **Reconstitution** | Reconstitute at 0.25 μg/μl in sterile water for short-term storage. Reconstitution with 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution. |
| **Storage** | Store it under sterile conditions at -20℃ to -80℃. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| **Shipping** | In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature.<br>Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise. |

## Description

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| **Description** | Introducing the recombinant Human RRN3P1 (1-152) fragment, a stable and soluble protein unit designed for structural and biochemical research. This 152-amino acid fragment of the Putative RRN3-like protein RRN3P1 provides researchers with a high-quality tool to investigate RNA polymerase I transcription factor homolog pseudogene 1.<br>The full-length Putative RRN3-like protein RRN3P1 (UniProt ID: Q2M238) is a human protein encoded by the RRN3P1 gene. While specific functional and subcellular localization data for this protein is currently limited in available databases, its classification as an RNA polymerase I transcription factor homolog suggests potential involvement in ribosomal RNA transcription regulation. This recombinant fragment (amino acids 1-152) was computationally selected to represent a stable structural domain, enabling researchers to explore the protein's biochemical properties and potential interactions in controlled experimental systems. |