# Recombinant Rat Afm Protein, His-tagged

**Cat. No.** Afm-91R **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Rat Afm Protein (Leu22-Tyr201) with N-His tag was expressed in E. coli. |
| **Species** | Rat |
| **Source** | E.coli |
| **ProteinLength** | Leu22-Tyr201 |
| **Description** | Predicted to enable fatty acid binding activity; vitamin E binding activity; and zinc ion binding activity. Predicted to be involved in protein stabilization; protein transport within extracellular region; and vitamin transport. Located in extracellular space. Orthologous to human AFM (afamin). |
| **Form** | Freeze-dried powder |
| **Molecular Mass** | Predicted Molecular Mass: 24.4 kDa |
| **Purity** | > 97% |
| **Applications** | Positive Control; Immunogen; SDS-PAGE; WB. |
| **Stability** | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is |

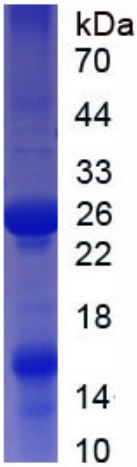
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| | less than 5% within the expiration date under appropriate storage condition. |
| **Storage** | Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months. |
| **Storage Buffer** | PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300. |
| **Reconstitution** | Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex. |

## GENE INFORMATION

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| **Gene Name** | Afm afamin [ Rattus norvegicus (Norway rat) ] |
| **Official Symbol** | Afm |
| **Synonyms** | AFM; afamin; alpha-Alb; alpha albumin; alpha-albumin |
| **Gene ID** | 282708 |
| **mRNA Refseq** | NM_172320 |
| **Protein Refseq** | NP_758823 |
| **UniProt ID** | P36953 |

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