

EN1 Protein, Gallus gallus (His-B2M)

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| Cat. No.: | HY-P72181 |
| Synonyms: | EN1; EN-1; Homeobox protein engrailed-1; Gg-En-1; Homeobox protein en-1 |
| Species: | Others |
| Source: | E. coli |
| Accession: | Q05916 (M1-333E) |
| Gene ID: | 771008 |
| Molecular Weight: | Approximately 48.5 kDa |

PROPERTIES

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| AA Sequence | <pre> M E E P P E G H G H H R D A A P P G P A N G G G G G G G G S D G D S A P V S P S P A P A S P A A P C P L P L P R R R P P P P P P P R T T N F F I D N I L R P D F G C K K E P P A A T G A A T G A G G G G G G G G R E Q R D G A Q S A G R E N V N P L L A R P P H A P S S A L L C P D S N C A P D G S A P A G T A A K A N P G T A A G A A G A A G A A K A Q G D G G E T P A A K Y G E H G S P A I L L M G S N N G G A V L K P D S Q Q P L V W P A W V Y C T R Y S D R P S S P R T R K L K K K K T E K E D K R P R T A F T A E Q L Q R L K A E F Q A N R Y I T E Q R R Q S L A Q E L S L N E S R V K I W F Q N K R A K I K K A T G I K N G L A L H L M A Q G L Y N H S T T T V Q D K E E S E </pre> |
| Appearance | Lyophilized powder. |
| Formulation | Lyophilized from a 0.2 µm solution of Tris-based buffer, 50% Glycerol. |
| Endotoxin Level | <1 EU/µg, determined by LAL method. |
| Reconstitution | It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. |
| Storage & Stability | Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage. |
| Shipping | Room temperature in continental US; may vary elsewhere. |

DESCRIPTION

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| Background | EN1 plays a pivotal role in embryonic development, specifically contributing to the proper formation of the apical ectodermal ridge and ensuring accurate dorsal-ventral patterning in limb development. |
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Caution: Product has not been fully validated for medical applications. For research use only.

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