

## Prolactin Protein, Pig (His-SUMO)

Cat. No.:	HY-P72287
Synonyms:	PRL; Prolactin; PRL
Species:	Pig
Source:	E. coli
Accession:	P01238 (L31-C229)
Gene ID:	396965
Molecular Weight:	Approximately 39.0kDa

### PROPERTIES

AA Sequence	<p>           L P I C P S G A V N    C Q V S L R D L F D    R A V I L S H Y I H    N L S S E M F N E F            D K R Y A Q G R G F    I T K A I N S C H T    S S L S T P E D K E    Q A Q Q I H H E V L            L N L I L R V L R S    W N D P L Y H L V T    E V R G M Q E A P D    A I L S R A I E I E            E Q N K R L L E G M    E K I V G Q V H P G    I K E N E V Y S V W    S G L P S L Q M A D            E D T R L F A F Y N    L L H C L R R D S H    K I D N Y L K L L K    C R I I Y D S N C         </p>
Appearance	Lyophilized powder.
Formulation	Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4.
Endotoxin Level	<1.0 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> 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

Background	Prolactin protein plays a key role in the mammary gland by primarily promoting lactation. This is accomplished through its interaction with the PRLR receptor, which facilitates the process of lactation.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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