

PRL8A4 Protein, Rat (HEK293, His)

Cat. No.:	HY-P77466
Synonyms:	Prolactin-8A4; Growth hormone-related placental protein 3; PLP-H; Prlph
Species:	Rat
Source:	HEK293
Accession:	P33580 (I32-C239)
Gene ID:	59088
Molecular Weight:	Approximately 24 kDa.

PROPERTIES

AA Sequence	<p> I P A C M V E E G D C W D P L Q E T F N S A I Q R A E T L C N L A D Q L Y V E F Y Q N Q F S S R Q F A D L N S K L I K R D E T V L K A G I Y C H S T L A K P Q T R G G N F E I E E H L K M L I N F V G S W I S P L F H L V I E L S A M E G V P E T I L C K V K D L E E N N R Q L L D D L R W I L T K V S P T A E I R E E F P S W E H L S F L K S S N K N N K F L A M F N L S N C L D N D T K F T L H H L R I F K C L I T G K D C </p>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
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. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
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	<p>The PRL8A4 Protein is implicated in the regulation of placental basal zone cells. Its role within this context suggests a potential influence on processes integral to placental development and function. The specific functions and molecular mechanisms associated with PRL8A4 in placental basal zone cells remain an area of interest and warrant further exploration to unravel its contribution to the intricate processes occurring in this critical region of the placenta. Understanding the involvement of PRL8A4 Protein in placental basal zone cells may offer insights into the molecular underpinnings of placental physiology and its implications for overall reproductive health.</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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