

Placenta-expressed transcript 1 Protein, Mouse (His-SUMO)

Cat. No.:	HY-P71613
Synonyms:	Plet1; Placenta-expressed transcript 1 protein; Antigen mAgK114
Species:	Mouse
Source:	E. coli
Accession:	Q8VEN2 (28S-218S)
Gene ID:	76509
Molecular Weight:	Approximately 36.1 kDa

PROPERTIES

AA Sequence	<p>SDNGSCVVL D NIYTS D I L E I S T M A N V S G G D V T Y T V T V P V N</p> <p>D S V S A V I L K A V K E D D S P V G T W S G T Y E K C N D S S V Y Y N L T S Q</p> <p>S Q S V F Q T N W T V P T S E D V T K V N L Q V L I V V N R T A S K S S V K M E</p> <p>Q V Q P S A S T P I P E S S E T S Q T I N T T P T V N T A K T T A K D T A N T T</p> <p>A V T T A N T T A N T T A V T T A K T T A K S L A I R T L G S</p>
Appearance	Lyophilized powder.
Formulation	Lyophilized after extensive dialysis against solution in 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

Background	<p>Placenta-expressed transcript 1 (PLET1) protein plays a pivotal role in orchestrating leading keratinocyte migration and facilitating cellular adhesion to matrix proteins, thereby contributing to the intricate process of wound healing. Its involvement extends to promoting efficient wound repair, underscoring its significance in tissue regeneration. Furthermore, PLET1 may exert its influence during trichilemmal differentiation within the context of the hair follicle, suggesting a broader impact on skin biology and homeostasis.</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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