

Lithostathine-1/Reg1 Protein, Mouse (His-SUMO)

Cat. No.:	HY-P71462
Synonyms:	Reg1; Lithostathine-1; Islet of Langerhans regenerating protein 1; REG 1; Pancreatic stone protein 1; PSP; Pancreatic thread protein 1; PTP; Regenerating protein 1
Species:	Mouse
Source:	E. coli
Accession:	P43137 (22Q-165G)
Gene ID:	19692
Molecular Weight:	Approximately 32.2 kDa

PROPERTIES

AA Sequence	<p>Q E A E E D L P S A R I S C P E G S N A Y S S Y C Y Y F T E D R L T W A D A D L</p> <p>F C Q N M N S G Y L V S V L S Q A E G N F V A S L I K E S G T T D A N V W T G L</p> <p>H D P K R N R R W H W S S G S L F L Y K S W A T G S P N S S N R G Y C V S L T S</p> <p>N T G Y K K W K D D N C D A Q Y S F V C K F K G</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	Lithostathine-1/Reg1 protein may function as an inhibitor of spontaneous calcium carbonate precipitation.
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Caution: Product has not been fully validated for medical applications. For research use only.

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