

## REG-2 Protein, Mouse (151a.a, HEK293, His)

Cat. No.:	HY-P71254
Synonyms:	Regenerating Islet-derived 2; Islet of Langerhans regenerating protein 2; Pancreatic stone protein 2; Pancreatic thread protein 2; PSP; PTP
Species:	Mouse
Source:	HEK293
Accession:	Q08731 (Q23-A173)
Gene ID:	19693
Molecular Weight:	Approximately 16.8 kDa

### PROPERTIES

AA Sequence	<p>Q V A E E D F P L A    E K D L P S A K I N    C P E G A N A Y G S    Y C Y Y L I E D R L</p> <p>T W G E A D L F C Q    N M N A G H L V S I    L S Q A E S N F V A    S L V K E S G T T A</p> <p>S N V W T G L H D P    K S N R R W H W S S    G S L F L F K S W A    T G A P S T A N R G</p> <p>Y C V S L T S N T A    Y K K W K D E N C E    A Q Y S F V C K F R    A</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 <sub>2</sub> 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	REG-2 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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