

## REG1B Protein, Rhesus Macaque (HEK293, His)

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| Cat. No.:         | HY-P77475  |
| Synonyms:         | Lithostathine-1-beta; PSP-2; REG-1-beta; PSPS2; REGL |
| Species:          | Rhesus Macaque                                       |
| Source:           | HEK293   |
| Accession:        | NP_001181497 (Q23-N166)                              |
| Gene ID:          | 711725   |
| Molecular Weight: | Approximately 17.7 kDa.                              |

### PROPERTIES

|                     |  |
|---------------------|--|
| AA Sequence         | <p>Q E T Q T E L P N A      R I S C P E G T N A      Y R S Y C Y Y F N E      D P E T W V D A D L</p> <p>Y C Q N M N S G N L      V S V L T E A E G A      F V A S L I K E S S      T D D S N V W I G L</p> <p>H D P K K N R R W H      W S S G S L V S Y K      S W D I G A P S S A      N A G Y C A S L T S</p> <p>C S G F K K W K D E      S C E K K F S F V C      K F K N</p> |
| Biological Activity | Measured in a cell proliferation assay using RT4-D6P2T rat schwannoma cells. The ED <sub>50</sub> for this effect is 0.4012 µg/mL, corresponding to a specific activity is 2.492×10 <sup>3</sup> units/mg.   |
| 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.  |

**Caution: Product has not been fully validated for medical applications. For research use only.**

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