

# Rat SHH Recombinant Protein



RPPB0906

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## Product Information   Protein Information

**Product SKU:**

RPPB0906

**Accession:**

Q15465

**Host:**

Escherichia Coli.

**Protein description:**

Sonic HedgeHog Recombinant Rat produced in E.Coli is a single, non-glycosylated polypeptide chain containing 176 amino acids and having a molecular mass of 19.9kDa. SHH is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

SHH, HHG-1, HHG1, Sonic hedgehog protein, TPT, HLP3, HPE3, SMMCI, TPTPS, MCOPCB5.

**Formulation:**

SHH is lyophilized from a sterile (0.2 µm) filtered solution containing 10 mM sodium phosphate, pH 7.5.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized SHH in sterile 18MΩ-cm H<sub>2</sub>O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized Human Sonic HedgeHog although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Sonic HedgeHog should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

**Amino Acid Sequence:**

MIIGPGRGFG KRQHPKKLTP LAYKQFIPNV AEKTLGASGR YEGKTRNSE RFKELTPNPN PDIIFKDEEN  
TGADRLMTQR CKDKLNALAI SVMNQWPGVK LRVTEGWDED GHHSEESLHY EGRAVDITTS DRDRSKYGML  
ARLAVEAGFD WVYYESKARI HCSVKAENSV AAKSDG.