

Bioactive

Shh (Mouse) Recombinant Protein

Catalog # P9133

Size 25 ug

Specification

Product Description	Mouse Shh recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	MIIGPGRGFGKRRHPKKLTPLAYKQFIPNVAEKTLGASGRYEGKITRNSERFKELTPNYPDIIFKDE ENTGADRLMTQRCKDKLNALISVMNQWPGVKLRVTEGWDEDGHHSEESLHYEGRAVDITTSR DRSKYGMLARLAVEAGFDWVYYESKAHIHCSVKAENSVAAKSGG
Host	Escherichia coli
Theoretical MW (kDa)	19.8
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purification	chromatographic
Purity	> 97% as determined by SDS-PAGE.
Activity	ED ₅₀ is 0.48-0.72 ug/mL, measured by the dose-dependent induction of alkaline phosphatase production by C3H/10T1/2 (CCL-226) fibroblasts.
Isotype	Escherichia Coli.
Storage Buffer	Lyophilized from a solution containing 10 mM Na ₂ PO ₄ , pH 7.5. Reconstitute the lyophilized powder in ddH ₂ O to 100 ug/mL.
Storage Instruction	Lyophilized protein at room temperature for 3 weeks, should be stored at -20°C. Protein aliquots at 4 °C for 2-7 days and should be stored at -20°C to -80°C. Avoid repeated freeze/thaw cycles.

Applications

- Functional Study

Gene Info — Shh

Entrez GeneID [20423](#)**Protein Accession#** [Q62226](#)**Gene Name** Shh**Gene Alias** 9530036O11Rik, Dsh, Hhg1, Hx, Hxl3, M100081**Gene Description** sonic hedgehog**Gene Ontology** [Hyperlink](#)**Other Designations** OTTMUSP00000023583|hemimelic extra toes|short digits