Bioactive

Shh (Mouse) Recombinant Protein

Catalog # P6403 Size 25 ug

Specification

Product Description	Mouse Shh (Q62226) recombinant protein expressed in *E. Coli*.
Sequence	IVIGPGRGFGKRRHPKKLTPLAYKQFIPNVAEKTLGASGRYEGKITRNSERFKELTPNYNPDIIFKDE ENTGADRLMTQRCKDKLNALAISVMNQWPGVKLRVTEGWDEDGHHSEESLHYEGRAVDITTSDR DRSKYGMLARLAVEAGFDWVYYESKAHIHCSVKAENSVAAKSGG
Host	Escherichia coli
Theoretical MW (kDa)	19
Form	Lyophilized
Purity	> 95%
Endotoxin Level	<= 1 EUs/ug (LAL gel clot method)
Activity	Determined by the ability to induce alkaline phosphatase production by C3H/10T1/2 (CCL-226) cells . The expected ED_{50} for this effect is 0.5-1 ug/mL.
Storage Buffer	Lyophilized from PBS, pH 7.2.
Storage Instruction	Stored at -20°C to-80°C. After reconstitution with sterile water not less than 0.1 mg/mL, store at -20°C to -80°C for 6 months, st ore at 4°C for 1 month. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- Western Blot

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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

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