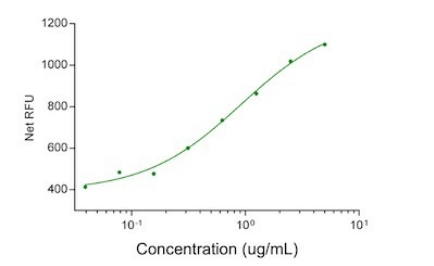
Bioactive

Shh (Mouse) Recombinant Protein

Catalog # P7337 Size 10 ug

Applications



Result of activity analysis

Result of activity analysis

Specification

Product Description	Mouse Shh (Q62226, 25 a.a. - 198 a.a.) C25II mutant partial recombinant protein expressed in *Escherichia coli*.
Sequence	IIPGRGFGKRRHPKKLTPLAYKQFIPNVAEKTLGASGRYEGKITRNSERFKELTPNYNPDIIFKDEENTGADRLMTQRCKDKLNALAISVMNQWPGVKLRVTEGWDEDGHHSEESLHYEGRAVDITTSDRDRSKYGMLARLAVEAGFDWVYYESKAHIHCSVKAENSVAAKSGG
Host	Escherichia coli
Theoretical MW (kDa)	19.7
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Purity	> 95% as analyzed by SDS-PAGE. > 95% as analyzed by HPLC.
Endotoxin Level	< 0.2 EU/ug of protein by gel clotting method
Activity	ED_{50} < 2.0 ug/mL, measured by the ability to induce alkaline phosphatase production by C3H/10T1/2 (CCL-226) Cells, corresponding to a specific activity of > 500.0 units/mg.

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Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS. Reconstitute the lyophilized powder in ddH_2O up to 100 ug/mL.
Storage Instruction	Store at 4°C to 8°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- SDS-PAGE

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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