

Datasheet for ABIN2830485
desert Hedgehog Protein



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Overview

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|----------------------|----------------------------|
| Quantity: | 100 µg |
| Target: | desert Hedgehog (DHH) |
| Origin: | Mouse |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Biological Activity: | Active |
| Application: | Functional Studies (Func) |

Product Details

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| Sequence: | IIGPGRGPVG RRRYVRKQLV PLLYKQFVPS MPERTLGASG PAEGRVTRGS ERFRDLVPNY NPDIIFKDEE NSGADRLMTE RCKERVNALA IAVMNMWPGV RLRVTEGWDE DGHHAQDSLH YEGRALDITT SDRDRNKYGL LARLAVEAGF DWVYYESRNH IHVSVKADNS LAVRAGG |
| Characteristics: | Biological Activity: Fully biologically active when compared to standard. The ED50 as determined by its ability to induce alkaline phosphatase production by murine MC3T3-E1 cells is 5-20 µg/mL. |
| Purity: | >98 % as determined by SDS-PAGE and HPLC. |
| Sterility: | 0.2 µm filtered |

Target Details

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|-------------------|--------------------------------------|
| Target: | desert Hedgehog (DHH) |
| Alternative Name: | Dhh (DHH Products) |

Target Details

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|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target Type: | Species |
| Background: | Relevance: Intercellular signal essential for a variety of patterning events during development. May function as a spermatocyte survival factor in the testes. Essential for testes development. Synonyms: DHH, |
| Molecular Weight: | 20.0 kDa |
| UniProt: | Q61488 |
| Pathways: | Hedgehog Signaling |

Application Details

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|---------------|-----------------------|
| Restrictions: | For Research Use only |
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Handling

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| Format: | Lyophilized |
| Buffer: | 20 mM PB, pH 7.4, 150 mM NaCl |
| Storage: | -20 °C |