

Datasheet for ABIN7607606

## Sonic Hedgehog Protein (SHH) (AA 25-198) (His tag)



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### Overview

Quantity:	50 µg
Target:	Sonic Hedgehog (SHH)
Protein Characteristics:	AA 25-198
Origin:	Mouse
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Sonic Hedgehog protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), ELISA, Immunogen (Imm), Activity Assay (AcA)

### Product Details

Purpose:	Recombinant Mouse SHH Protein, C-His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by its ability to induce alkaline phosphatase production by mouse embryonic fibroblast cells (C3H10T1/2). The ED50 for this effect is 0.6-3 µg/mL.

### Target Details

Target:	Sonic Hedgehog (SHH)
Alternative Name:	SHH ( <a href="#">SHH Products</a> )

## Target Details

Background:	ShhNC, Sonic hedgehog protein, Shh N-terminal processed signaling domains, SHH, Shh unprocessed N-terminal signaling and C-terminal autoprocessing domains, ShhN, ShhNp, HHG-1,
UniProt:	<a href="#">Q62226</a>
Pathways:	<a href="#">Hedgehog Signaling</a> , <a href="#">Dopaminergic Neurogenesis</a> , <a href="#">Regulation of Muscle Cell Differentiation</a> , <a href="#">Tube Formation</a> , <a href="#">Skeletal Muscle Fiber Development</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months