

Datasheet for ABIN666981

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



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	Sonic Hedgehog (SHH)
Protein Characteristics:	AA 25-198
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Sonic Hedgehog protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	SHH, 25-198 aa, Mouse, His-tagged, Recombinant, E.coli
Purity:	> 95 % by SDS-PAGE

Target Details

Target:	Sonic Hedgehog (SHH)
Alternative Name:	SHH (SHH Products)
Background:	SHH is one of three proteins in the mammalian signaling pathway family called hedgehog, the others being desert hedgehog (DHH) and Indian hedgehog (IHH). This protein is the best studied ligand of the hedgehog signaling pathway. It plays a key role in regulating vertebrate organogenesis. SHH contains amino-terminal signal peptides and apparently function as secreted proteins involved in the mediation of various cell-cell interactions. Recombinant

Target Details

mouse SHH protein, fused to His-tag at C-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: Dsh, Hhg1, Hx, Hx13, Sonic hedgehog protein HHG 1, HHG1, HLP 3, HLP3, Holoprosencephaly 3, HPE 3, HPE3, MCOPCB5, SHH, SMMC I, SMMCI, Sonic Hedgehog (Drosophila) homolog, sonic hedgehog homolog (Drosophila), Sonic hedgehog homolog, TPT, TPTPS. NCBI no.: NP_033196

Molecular Weight: 20.8 kDa (183aa), confirmed by MALDI-TOF

Pathways: [Hedgehog Signaling](#), [Dopaminergic Neurogenesis](#), [Regulation of Muscle Cell Differentiation](#), [Tube Formation](#), [Skeletal Muscle Fiber Development](#)

Application Details

Restrictions: For Research Use only

Handling

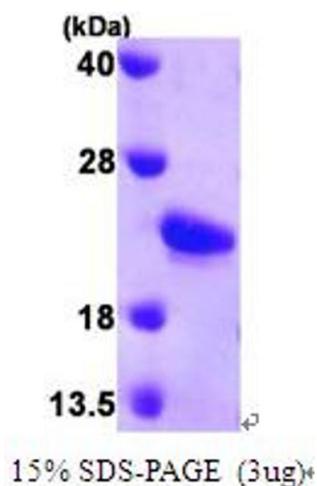
Format: Liquid

Concentration: 1 mg/ml (determined by Bradford assay)

Buffer: Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol, 1mM DTT.

Storage: 4 °C

Images



SDS-PAGE

Image 1.