

Recombinant Human SHH protein

Cat. No. SHH-2603H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human Sonic hedgehog protein N-product/SHH(C24IVI) Protein is produced by E. coli expression system. The target protein is expressed with sequence (Cys24-Gly197 (Cys24Ile-Val-Ile)) of human Sonic hedgehog N-product (Accession #NP_000184.1).
Species	Human
Source	E.coli
ProteinLength	Cys24-Gly197 (Cys24Ile-Val-Ile)
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Molecular Mass	22 kDa
Endotoxin	< 1.0 EU/µg of the protein by LAL method.
Purity	> 97% by SDS-PAGE.
Storage	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.
Reconstitution	Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

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GENE INFORMATION

Gene Name SHH sonic hedgehog [Homo sapiens]

Official Symbol SHH

Synonyms SHH; sonic hedgehog; HLP3, HPE3, sonic hedgehog (Drosophila) homolog , sonic hedgehog homolog (Drosophila); sonic hedgehog protein; HHG1; MCOPCB5; SMMCI; TPT; TPTPS; sonic hedgehog homolog; HLP3; HPE3;

Gene ID 6469

mRNA Refseq NM_000193

Protein Refseq NP_000184

MIM 600725

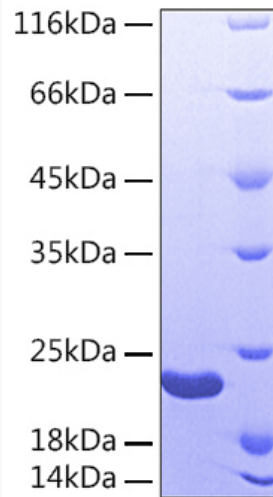
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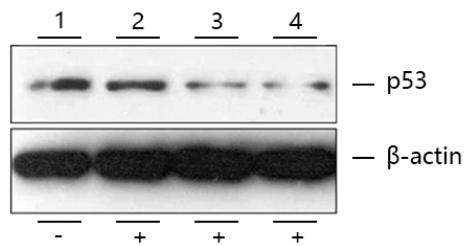
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SDS-PAGE



Bio-activity



- 1. Blank Control(-)
- 2. Sonic hedgehog 0.625 μ g/mL(+)
- 3. Sonic hedgehog 1.25 μ g/mL(+)
- 4. Sonic hedgehog 2.5 μ g/mL(+)