

# Human DHH (C23II) Recombinant Protein



RPPB0908

---

## Product Information    Protein Information

**Product SKU:**

RPPB0908

**Accession:**

O43323

**Host:**

Escherichia Coli.

**Protein description:**

DHH (C23II) Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 177 amino acids and having a molecular mass of 19.9kDa. The DHH (C23II) is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

HHG-3, Desert Hedgehog homolog, MGC35145, Desert hedgehog protein, DHH.

**Formulation:**

Lyophilized from a 0.2µm filtered concentrated solution in 1×PBS, pH 7.4.

**Purity:**

Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized DHH (C23II) in sterile 18M-cm H<sub>2</sub>O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized DHH (C23II) although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution DHH (C23II) should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.

**Amino Acid Sequence:**

IIGPGRGPVG RRRYARKQLV PLYKQFVPG VPERTLGASG PAEGRVARGS ERFRLVPNY NPDIIKFDEE  
NSGADRLMTE RCKERVNALA IAVMNMWPGV RLRVTEGWDE DGHHAQDSLH YEGRALDITT SDRDRNKYGL  
LARLAVEAGF DWVYYESRNH VHVSVKADNS LAVRAGG.

**Biological Activity:**

The Biological Activity was determined by its ability to induce alkaline phosphatase production by C3H/10T1/2 (CCL-226) cells. The expected ED<sub>50</sub> for this effect is 15-45 µg/ml.