

Recombinant Human Desert Hedgehog Cys23Ilelle

#R00548

Size: 5 µg/100 µg/500 µg

Stability & Storage

Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions after reconstitution.
- 3 months, -20 to -70 °C under sterile conditions after reconstitution.



Warning: This product is intended for scientific research only. It is not to be used for medical or diagnostic procedures in humans or animals, nor as a food, cosmetic, or household product.

AA Sequence

IIGPGRGPVGRRRYARKQLVPLLYKQFVPGVPERTLG
ASGPAEGRVARGSERFRDLVPNYPDIIFKDEENSGA
DRLMTERCKERVNALAIAVMNMWPGVRLRVTEGWD
EDGHHAQDSLHYEGRALDITTSRDRNKYGLLARLA
VEAGFDWVYYESRNHVHVSVKADNSLAVRAGG

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/ml. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

Product Specification

Accession	O43323
GeneID	50846
Species	Human
Source	Escherichia coli.
Molecular Weight	Approximately 19.9 kDa, a single non-glycosylated polypeptide chain containing 177 amino acids.
Purity	> 96 % by SDS-PAGE and HPLC analyses.
Biological Activity	Fully biologically active when compared to standard. The ED ₅₀ as determined by its ability to induce alkaline phosphatase production by C3H10T1/2(CCL-226) cells is 15-45 µg/ml.
Physical	Sterile Filtered White Lyophilized

Appearance	(freeze-dried) powder.
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in 10mM PB, pH 6.0, 300mM NaCl.
Endotoxin	Less than 1 EU/µg of rHuDHH C23II as determined by LAL method.