

Recombinant Human Desert Hedgehog Cys23Ilelle

Information

Gene ID	50846
Accession #	O43323
Alternate Names	
Source	Escherichia coli.
M.Wt	Approximately 19.9 kDa, a single non-glycosylated polypeptide chain containing 177 amino acids.
AA Sequence	IIGPGRGPVG RRRYARKQLV PLYKQFVPG VPERTLGASG PAEGRVARGS ERFRDLVPNY NPDIIKFDEE NSGADRLMTE RCKERNAL AIVMNMWPGV RLRVTEGWDE DGHHAQDSLH YEGRALDITT SDRDRNKYGL LARLAVEAGF DWVYYESRNH VHSVVKADNS LAVRAGG
Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
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
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in 10mM PB, pH 6.0, 300mM NaCl.
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.
Biological Activity	Fully biologically active when compared to standard. The ED as determined by its ability to induce alkaline phosphatase production by C3H10T1/2(CCL-226) cells is 15-45 µg/ml.
Shipping Condition	Gel pack.
Handling	Centrifuge the vial prior to opening.
Usage	For Research Use Only! Not to be used in humans.

Components and Storage

Components	5µg	100µg	500µg
Recombinant Human Desert Hedgehog Cys23Ilelle	5µg	100µg	500µg

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- 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

Quality Control

Purity	> 96 % by SDS-PAGE and HPLC analyses.
Endotoxin	Less than 1 EU/ μ g of rHuDHH C23II as determined by LAL method.

Description

Reference

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